



State of Louisiana
Department of Environmental Quality



KATHLEEN BABINEAUX BLANCO
GOVERNOR

MIKE D. McDANIEL, Ph.D.
SECRETARY

Certified Mail No.

Activity No.: PER19960001
Agency Interest No. 19901

Mark D. Suellentrop
Facility General Manager
Cabot Corporation – Canal Plant
P.O Box 598
Franklin, Louisiana 70538-0598

RE: Part 70 Operating Permit, Cabot Corp - Canal Plant
Cabot Corporation, Centerville, St. Mary Parish, Louisiana

Dear Mr. Suellentrop:

This is to inform you that the initial permit for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the ___ of _____, 2011, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this _____ day of _____, 2006.

Permit No.: 2660-00004-V0

Sincerely,

Chuck Carr Brown Ph.D.
Assistant Secretary
CCB:KAM
c: EPA Region VI



AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

CABOT CANAL PLANT
AGENCY INTEREST NO.: 19901
CABOT CORPORATION
CENTERVILLE, ST. MARY PARISH, LOUISIANA

I. Background

Cabot Corporation's Canal Plant (Cabot Canal Plant), is an existing carbon black manufacturing facility that began operations prior to 1969. The Cabot Canal Plant currently operates under Permit No. 2660-00004-01, issued October 26, 1995, and a Prevention of Significant Deterioration (PSD) Permit No. PSD-LA-591, also issued October 26, 1995.

This is the Part 70 operating permit for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted by Cabot Corporation on December 2, 2004, requesting a Part 70 operating permit. Additional information dated April 26, 2005, May 11, 2005, July 29, 2005 and January 9, 2006 was also received.

III. Description

The Cabot Corporation's Canal Plant (Cabot Canal Plant) uses a modular process to convert a carbonaceous feedstock material into various grades of carbon black in an essentially continuous process.

The process begins with the introduction of fuel, oxidants, water and additives into a reaction zone where pyrolysis (cracking) is used to produce carbon black. Supporting utilities are used to maintain these reactants at proper temperatures, pressures, and flows. The reaction is controlled by varying the temperature and fluid mechanics of the process. The carbon black and reaction by-products are then introduced to a primary separation process where gaseous by-products are removed from the carbon black. The gaseous by-products are collected and either combusted or subjected to additional processing. The recovered carbon black is sent to a secondary separation process.

The following controlling parameters are adjusted to produce different grades of carbon black affecting both physical and chemical conditions: rates; introduction methods and location of reactants and additives; temperatures; geometry; fuel/feedstock composition; additives; reaction volume; residence time; and equipment components

After separation, certain grades are processed further while others are considered to be in their final form and conveyed to storage or packaged for transportation to the customer.

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The recovered black is then conditioned and mixed with water and /or additives for densification. It is then subjected to a product processing and degasification unit where more water and additives may be introduced to achieve the final desired form of carbon black. Some intermittent process venting may occur during normal startup and shutdown and during emergency/upset conditions in order to avoid or alleviate potentially unsafe operating conditions.

The process generates off-gas containing particulates, sulfur dioxide, nitrogen oxides, carbon monoxide, hydrogen sulfide, acetylene and other compounds. Entrained carbon particles are collected from the process stream in baghouses. Carbon black is further processed by either wet or dry processes, packed and stored prior to shipment.

Tail gas from the process is combusted to provide heat for process heaters and dryers. An incinerator (determined as Maximum Achievable Control Technology (MACT)) controls Toxic Air Pollutants (TAPs) in the tail gas such as: hydrogen sulfide (H₂S); carbonyl sulfide (COS); carbon disulfide (CS₂); and hydrogen cyanide (HCN).

Rubber-grade carbon black is produced in units CO-3A, CO-5 and CO-6. Industrial grade carbon black is produced in units CS-1 and CS-2. Unit CO-3B is capable of producing both rubber grade and industrial grade carbon black. The finished product is conveyed to storage or packaged for transportation to the customer.

The increase in CO emissions is due to existing unpermitted start-up and shut-down sampling emissions. There are no physical changes or changes in method of operation. Toxic Air Pollutant increases are also due to existing unpermitted start-up and shut-down sampling emissions.

Estimated emissions in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM ₁₀	358.09	359.52	+ 1.43
SO ₂	27,098.10	27101.00	+ 2.90
NO _x	1,813.01	1,823.00	+ 9.99
CO	6,048.30	6,774.06	+ 725.76
VOC*	449.20	447.05	- 2.15

*Includes carbon disulfide (CS₂), carbonyl sulfide (COS) and hydrodgen cyanide (HCN).

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LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

Pollutant	Before	After	Change
Ammonia*	0.00	<0.001	-
Carbon Disulfide	156.78	166.69	+ 9.91
Carbonyl Sulfide	48.03	52.43	+ 4.40
Dibutyl Phthalate	0.00	0.18	+ 0.18
Hexane	0.00	0.02	+ 0.02
Hydrogen Cyanide	42.77	45.12	+ 2.35
Hydrogen Sulfide*	151.83	168.36	+ 16.53
Nitric Acid*	0.00	<0.01	-
Toluene	0.00	0.10	+ 0.10
Total	399.41	432.90	+ 33.49
VOC TAPs	247.58	264.54	+ 16.96
*Non-VOC TAPs	151.83	168.36	+ 16.53

IV. Type of Review

This application was reviewed for compliance with the Louisiana Part 70 operating permit program, Louisiana Air Quality Regulations and NESHAP regulations. NSPS regulations do not apply

This facility is a major source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit

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condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 200X; and in the <local paper>, <local town>, on <date>, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

VII. Effects on Ambient Air

Dispersion Model(s) Used: ISCST3

Modeling was performed prior to the effective date of the previous permit on October 26, 1995.

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Toxic Air Pollutant Ambient Air Quality Standard or (National Ambient Air Quality Standard {NAAQS})
PM ₁₀	24-Hour	41.20 µg/m ³	(150) µg/m ³
	Annual	7.40 µg/m ³	(50) µg/m ³
SO ₂	3-Hour	560.54 µg/m ³	(1300) µg/m ³
	24-Hour	201.52 µg/m ³	(365) µg/m ³
	Annual	68.55 µg/m ³	(80) µg/m ³

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VIII. General Condition XVII Activities

Work Activity	Schedule	PM ₁₀	Emission Rates - tons			
			SO ₂	NO _x	CO	VOC
-	-	-	-	-	-	-

IX. Insignificant Activities

ID No.:	Description	Citation
03S	CS-2 Natural Gas Oil Heater	Insignificant Activity per LAC 33:III.501.B.5.A.1.
069	Special Blacks Pelletizer Water Heater	Insignificant Activity per LAC 33:III.501.B.5.A.1.
1A3	API Used Oil Tank	Insignificant Activity per LAC 33:III.501.B.5.A.3.
2A3	Diesel Tank	Insignificant Activity per LAC 33:III.501.B.5.A.3.
A4	Inorganic binding process additives (MgS, Potassium Acetate, Sodium lignosulfate, Tween 80)	Insignificant Activity per LAC 33:III.501.B.5.A.4.
A6	Laboratory equipment and vents	Insignificant Activity per LAC 33:III.501.B.5.A.1.
D1	Temporary Natural Gas Fired Engines	Insignificant Activity per LAC 33:III.501.B.5.D
D2	Temporary Natural Diesel Fired Engines	Insignificant Activity per LAC 33:III.501.B.5.D
710	Emergency Combustion Air Blower	Insignificant Activity per LAC 33:III.501.B.5.D
711	Emergency Fire Pump	Insignificant Activity per LAC 33:III.501.B.5.D
712	COF UPS Generator	Insignificant Activity per LAC 33:III.501.B.5.D
NGP	Natrual Gas Driven Pumps	Insignificant Activity per LAC 33:III.501.B.5.D

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N/A	External combustion equipment <1 MM BTU/hr (hot water heaters for building bathrooms, bathhouses, kitchens and break rooms)	Insignificant Activity per LAC 33:III.501.B.5.A.5.
N/A	Water washing of empty drums	Insignificant Activity per LAC 33:III.501.B.5.A.7.

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																		
		5	9	11	13	15	2103	2104*	2107	2111	2115	2116*	2113	22	29*	51*	53	56	59	
	Plant Wide	1	1		1							1						1		2
EQT 8	004-Main Unit Filter, Unit CS-1			1	1	1														
EQT 11	001-CO-3B Main Unit Filter Vent			1	1	1														
EQT 12	002-CO-5 Main Unit Heat Load Vent			1	1	1														
EQT 13	003-C-6 Main Unit Filter Vent			1	1	1														
EQT 14	006-CO-3A Process Filter	1			1	1												1		
EQT 15	007-CO-3B Process Filter	1			1	1												1		
EQT 16	008-CO-5 Process Filter	1			1	1												1		
EQT 17	009-CO-6 Process Filter	1			1	1												1		
EQT 18	010-CS-1/CS-2 Process Filter	1			1	1												1		
EQT 19	01S-VS-4 Packing Vacuum Filter	1			1															
EQT 22	052-CS-2 Main Unit Filter Vent			1	1	1														
EQT 23	05B-CO-3A Main Unit Filter Vent			1	1	1														
EQT 24	062-CS-2 Unit Dryer			1	1	1														
EQT 26	076-CS-2 Fluffy Process Vac. Filter	1			1															
EQT 27	079-Boiler, Barge Dock			1	1	1														
EQT 28	082-S.B. Hopper Car Vac. Sys. Filter	1			1															

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ID No.:	Description	LAC 33:III. Chapter																		
		5	9	11	13	15	2103	2104*	2107	2111	2115	2116*	2113	22	29*	51*	53	56	59	
EQT 29	083-CS-2 Purge Gas Filter	1			1	1													1	
EQT 30	084-CO-3A Purge Gas Filter	1			1	1													1	
EQT 31	086-CO-3B Purge Gas Filter	1			1	1													1	
EQT 32	101-VO-1 Bin Vent Filter	1			1															
EQT 33	102-VO-2 Bin Vent Filter	1			1															
EQT 34	103-VO-3 Bin Vent Filter	1			1															
EQT 35	104-VO-4 Bin Vent Filter	1			1															
EQT 36	10S-CS-2 Fluffy Packer Vac. Filter	1			1															
EQT 37	110-VS-1 Bin Vent Filter	1			1															
EQT 38	120-VS-2 Bin Vent Filter	1			1															
EQT 39	130-VS-3 Bin Vent Filter	1			1															
EQT 40	135-Silo 5 Bin Vent Filter	1			1															
EQT 41	136-Silo 5 Bin Vent Filter	1			1															
EQT 42	152-CO-6 East Purge Gas Filter	1			1	1													1	
EQT 43	153-CO-6 West Purge Gas Filter	1			1	1													1	
EQT 44	154-C-7 Main Unit Filter Vent	1		1	1	1														
EQT 45	155-C-7 Process Filter	1			1	1													1	
EQT 46	158-C-7 East Purge Gas Filter	1			1	1													1	

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																	
		5	9	11	13	15	2103	2104*	2107	2111	2115	2116*	2113	22	29*	51*	53	56	59
EQT 47	159-C-7 West Purge Gas Filter	1			1	2										1			
EQT 48	160-C-7 Reactor Vent Scrubber			1	1	1													
EQT 50	201-No. 1 Oil Tank Vent																		
EQT 51	202-No. 2 Oil Tank Vent																		
EQT 52	203-No. 3 Oil Tank Vent																		
EQT 53	204-No. 4 Oil Tank Vent																		
EQT 54	205-No. 5 Oil Tank Vent																		
EQT 55	210-#1 Day Run Tank Vent																		
EQT 56	211-#2 Day Run Tank Vent																		
EQT 57	212-#3 Day Run Tank Vent																		
EQT 58	215-Ink Oil Tank #1																		
EQT 59	216-Ink Oil Tank #2																		
EQT 60	217-Ink Oil Tank #3																		
EQT 62	302-CS-1&CS-2 Reactor Vent Scrbr			1	1	1													
EQT 63	303-CS-3A&CS3B Rctr Vent Scrbr.			1	1	1													
EQT 64	305-CO-5 Reactor Vent Scrubber			1	1	1													
EQT 65	306-CO-6 Reactor Vent Scrubber			1	1	1													
EQT 67	600-CS-1 Off Quality Tank	1																	

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III. Chapter																		
		5	9	11	13	15	2103	2104*	2107	2111	2115	2116*	2113	22	29*	51*	53	56	59	
EQT 68	610-C-7 Off Quality Tank	1			1															
EQT 69	611-C-7 Storage Tank Bin Vent Filter	1			1															
EQT 70	612-CO-8 Off Quality Tank	1			1															
EQT 71	615-CO-3B Off Quality Tank	1			1															
EQT 72	616-VO-2 Storage Tank	1			1															
EQT 73	617-VO-1 Storage Tank	1			1															
EQT 74	618-Silo 1 Bin Vent Filter	1			1															
EQT 75	619-VS-4 Bin Vent Filter	1			1															
EQT 76	620-CO-3A Off Quality Tank	1			1															
EQT 77	621-CO-5 Off Quality Tank	1			1															
EQT 78	622-CS-2 Off Quality Tank	1			1															
EQT 79	6SA-CS Dual Grade Tank Filter VS-6	1			1															
EQT 80	6SA-CS Dual Grade Tank Filter VS-7	1			1															
EQT 84	72A-CO-5 East Purge Gas Filter	1			1	1												1		
EQT 85	72B-CO-5 West Purge Gas Filter	1			1	1												1		
EQT 86	81A-North Action Vacuum Sys. Filter	1			1															
EQT 87	81B-South Action Vacuum Sys. Filter	1			1															
EQT 88	950-Gasoline Strg. Tank-Vehicle Use																1			

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																	
		5	9	11	13	15	2103	2104*	2107	2111	2115	2116*	2113	22	29*	51*	53	56	59
EQT 89	951-Gasoline Strg. Tank-Contr. Use						1												
EQT 91	D1-Temp. Nat. Gas Fired Engs.			1	1														
EQT 92	D2-Temp. Diesel Fired Engines			1	1														
EQT 94	FGC-Shutdown/Startup/Sampling			1	1	1										1			
EQT 95	NGP-Natural Gas Driven Pumps									1									
EQT 96	999-Combusted Tail Gas Stack	1		1	1	1													
FUG 01	400-Plantwide Fugitives				1	1										1			

* The regulations indicated above are State Only regulations.

KEY TO MATRIX

- 1 -The regulations have applicable requirements that apply to this particular emission source.
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements		40 CFR 60 NSPS														40 CFR 61			40 CFR 63 NESHAP				40 CFR			
		40 CFR 60 NSPS														40 CFR 61			40 CFR 63 NESHAP				40 CFR			
		A	K	Ka	Kb	Db	Dc	GG	A	M	A	SS	YY	DDDD	52	59	68	72	82							
ID No.:	Description																									
EQT 59	2			2																						
EQT 60	2			2																						
EQT 62																										
EQT 63																										
EQT 64																										
EQT 65																										
EQT 67																										
EQT 68																										
EQT 69																										
EQT 70																										
EQT 71																										
EQT 72																										
EQT 73																										
EQT 74																										
EQT 75																										
EQT 76																										

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- 1 -The regulations have applicable requirements that apply to this particular emission source.
-The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.
- * -The regulations apply to this source but there are no requirements.

Blank – The regulations clearly do not apply to this type of emission source.

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT 8,11-13,22,23,24,27,44,48,62-65,96	Emission Standards for Particulate Matter [LAC 33:III.1311.B]	DOES NOT APPLY. The burning of fuel for indirect heating where products of combustion do not come into contact with process materials is not subject to this section.
EQT 24,27	Emission Standards for Particulate Matter [LAC 33:III.1311.C]	DOES NOT APPLY. The burning of fuel for indirect heating where products of combustion do not come into contact with process materials is not subject to this section.
EQT 8,11-13,22,23,44,48,62-65	Emission Standards for Particulate Matter [LAC 33:III.1313.C]	DOES NOT APPLY. Reactor (source controlled by filters and scrubbers) does not meet the definition of fuel burning equipment.
EQT 8,11-13,14-18,29-31,22,23,24,42-48,62-65,84,85 FUG 01	Emission Limitations for Sulfur Dioxide [LAC 33:III.1503.C]	EXEMPT. Units emit less than 250 tons of SO ₂ per year. Record and retain at the site for at least 2 years the data required to demonstrate compliance with or exemption from SO ₂ standards of Chapter 15. Compliance data shall be reported annually in accordance with LAC 33:III.918.
EQT 50-60	Control of Emission of Organic Compounds - Storage of VOCs [LAC 33:III.2103.A]	DOES NOT APPLY. The maximum true vapor pressure of stored liquid is <1.5 psia.

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source		
ID No:	Requirement	Notes
Entire Facility	National Volatile Organic Compound Emission Standards for Consumer and Commercial Products [40 CFR 59]	DOES NOT APPLY. There are no chemicals above the threshold quantity.
EQT 27	Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units [40 CFR 60, Subpart Dc]	DOES NOT APPLY. The Barge Dock Boiler was constructed prior to June 9, 1989.
EQT 27, 50-60, 88,89	New Source Performance Standards (NSPS) General Provisions [40 CFR 60.1 through 60.20]	DOES NOT APPLY. These sources are not affected NSPS stationary sources subject to the provisions of this subpart.
EQT 50-60	NSPS Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b(b)])	DOES NOT APPLY. No construction/reconstruction/modification since July 23, 1984. Tanks contain liquids with true vapor pressures <1.5 psia.
EQT 88,89	NSPS Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.116b(b)])	DOES NOT APPLY. Volume of vessels are <19,800 gallons (<75 m ³).
Entire Facility EQT 24,27,96 FUG 01	National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters. [40 CFR 63, Subpart DDDDD]	DOES NOT APPLY. The boilers or process heaters listed as an affected source in another standard under 40 CFR 63 are not subject to 40 CFR 63 Subpart DDDDD.
Entire Facility	Chemical Accident Prevention Provisions [40 CFR 68]	DOES NOT APPLY. There are no chemicals above the threshold quantity.

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The above table provides explanation for both the exemption status, or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

40 CFR PART 70 GENERAL CONDITIONS

- A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]
- B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]
- C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]
- D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]
- E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]
- F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]
- G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]

40 CFR PART 70 GENERAL CONDITIONS

- H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:
1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];
 2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];
 3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and
 4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]
- I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit. [Reference 40 CFR 70.6(a)(3)(ii)(B)]
- J. Records of required monitoring shall include the following:
1. the date, place as defined in the permit, and time of sampling or measurements;
 2. the date(s) analyses were performed;
 3. the company or entity that performed the analyses;
 4. the analytical techniques or methods used;
 5. the results of such analyses; and
 6. the operating conditions as existing at the time of sampling or measurement. [Reference 40 CFR 70.6(a)(3)(ii)(A)]
- K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]
- L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]

40 CFR PART 70 GENERAL CONDITIONS

- M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]
- N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]
- O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]
- P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]
- Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:
1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
 2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
 3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;
 4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;
 5. changes in emissions would not qualify as a significant modification; and
 6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]

40 CFR PART 70 GENERAL CONDITIONS

- R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Surveillance Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).
1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:
 - a. Report by June 30 to cover January through March
 - b. Report by September 30 to cover April through June
 - c. Report by December 31 to cover July through September
 - d. Report by March 31 to cover October through December
 4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]
- S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]

40 CFR PART 70 GENERAL CONDITIONS

- T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;
 2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;
 3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;
 4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);
 5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and
 6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]
- U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]

- V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.
- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.
- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated December 1, 2004, along with supplemental information dated April 27, and May 11, 2005.
- IV. This permit shall become invalid, for the sources not constructed, if:
 - A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
 - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.

The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.

This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.
- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.
- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.
- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Surveillance Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.
- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Surveillance Division with a written report as specified below.
- A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 - B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 - C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:
 - 1. Report by June 30 to cover January through March
 - 2. Report by September 30 to cover April through June
 - 3. Report by December 31 to cover July through September
 - 4. Report by March 31 to cover October through December

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- D. Each report submitted in accordance with this condition shall contain the following information:
1. Description of noncomplying emission(s);
 2. Cause of noncompliance;
 3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
 4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
 5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.
- E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.
- XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:
- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
 - B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
 - C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
 - D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.
- XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.
- XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.
- XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services, Air Permits Division, within ninety (90) days after the event, to amend this permit.
- XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:
1. Generally be less than 5 TPY
 2. Be less than the minimum emission rate (MER)
 3. Be scheduled daily, weekly, monthly, etc., or
 4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:1.3901.

- XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

- XIX. Certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

General Information

AI ID: 19901 Cabot Corp - Canal Plant
 Activity Number: PER19960001
 Permit Number: 2660-00004-V0
 Air - Title V Regular Permit Initial

ID	Name	User Group	Start Date
2660-00004	Cabot Corp - Canal Plant	CDS Number	08-05-2002
2660-0004	Cabot Corp - Canal Plant	Emission Inventory	03-03-2004
04-2771897	Cabot Corp - Canal Plant	Federal Tax ID	11-21-1999
LAD008157653	Cabot Corp - Canal Plant	Hazardous Waste Notification	11-07-1983
LA0001082	LPDES #	LPDES Permit #	06-25-2003
LAR05M510	LPDES #	LPDES Permit #	05-22-2003
WP1003	WPC State Permit Number	LWDPS Permit #	06-25-2003
GL-067	Radiation General License	Radiation License Number	12-22-2000
7991	X-Ray Registration Number	Radiation X-ray Registration Number	11-21-1999
GP-101-1590	Site ID #	Solid Waste Facility No.	07-24-2001
20112	Cabot Corp - Canal Plant	TEMPO Merge	03-22-2001
40892	Cabot Corp - Canal Plant	TEMPO Merge	03-22-2001
2660-0004	Toxic Emissions Data Inventory #	Toxic Emissions Data Inventory #	01-01-1991
70583CBTCRSTATE	TRI #	Toxic Release Inventory	07-09-2004
51016074	UST Facility ID (from UST legacy data)	Underground Storage Tanks	10-12-2002

Physical Location:
 272 Cabot Canal Plant Ln
 (portion of)
 Centerville, LA 70522

Mailing Address:
 PO Box 598
 Franklin, LA 705380598

Location of Front Gate: 29° 41' 15" latitude, 91° 28' 15" longitude, Coordinate Method: Interpolation - Map, Coordinate Datum: NAD27

Name	Mailing Address	Phone (Type)	Relationship
Anita Junker	PO Box 598 Franklin, LA 705380598		Radiation Contact For
Anita Junker	PO Box 598 Franklin, LA 705380598		Water Billing Party for
Wayne Romero	PO Box 598 Franklin, LA 705380598		Radiation Safety Officer for
Mark D. Suellentrop	PO Box 598 Franklin, LA 705380598	31888365671 (WP)	Responsible Official for
Mark D. Suellentrop	PO Box 598 Franklin, LA 705380598	31888365671 (WP)	Water Permit Contact For
Bill Swize	Cabot Corp - Canal Plant Franklin, LA 705380598		Water Permit Contact For
Ron Turner		31888362226 (WP)	Underground Storage Tank Contact for

Name	Address	Phone (Type)	Relationship
Cabot Corp	PO Box 598 Franklin, LA 705380598	31888365671 (WP)	UST Billing Party for
Cabot Corp	PO Box 598 Franklin, LA 705380598	31888365671 (WP)	Owns

General Information

AI ID: 19901 Cabot Corp - Canal Plant
Activity Number: PER19960001
Permit Number: 2660-00004-V0
Air - Title V Regular Permit Initial

Related Organizations:	Name	Address	Phone (Type)	Relationship
	Cabot Corp	PO Box 598 Franklin, LA 705380598	3188365671 (WP)	Radiation License Billing Party for
	Cabot Corp	PO Box 598 Franklin, LA 705380598	3188365671 (WP)	Radiation Registration Billing Party for
	Cabot Corp	PO Box 598 Franklin, LA 705380598	3188365671 (WP)	Air Billing Party for
	Cabot Corp	PO Box 598 Franklin, LA 705380598	3188365671 (WP)	Operates

SIC Codes: 2895, Carbon black

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-3247 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 19901 - Cabot Corp - Canal Plant
 Activity Number: PER19960001
 Permit Number: 2660-00004-V0
 Air - Title V Regular Permit Initial

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
EQT008	004 - CS-1 Main Unit Filter Heat Load Vent		16.8 MM BTU/hr	15.29 MM BTU/hr		1716 hr/yr (All Year)
EQT011	001 - CO-3B Main Unit Filter Heat Load Vent		20.6 MM BTU/hr	18.75 MM BTU/hr		1040 hr/yr (All Year)
EQT012	002 - CO-5 Main Unit Heat Load Vent		41.3 MM BTU/hr	37.58 MM BTU/hr		624 hr/yr (All Year)
EQT013	003 - C-6 Main Unit Filter Heat Load Vent		41.3 MM BTU/hr	37.58 MM BTU/hr		416 hr/yr (All Year)
EQT014	006 - CO-3A Process Filter		3750 ft ³ /min (actual)	3750 ft ³ /min (actual)		8760 hr/yr (All Year)
EQT015	007 - CO-3B Process Filter		4167 ft ³ /min (actual)	4167 ft ³ /min (actual)		8760 hr/yr (All Year)
EQT016	008 - CO-5 Process Filter		5000 ft ³ /min (actual)	5000 ft ³ /min (actual)		8760 hr/yr (All Year)
EQT017	009 - CO-6 Process Filter		5833 ft ³ /min (actual)	5833 ft ³ /min (actual)		8760 hr/yr (All Year)
EQT018	010 - CS-1/CS-2 Process Filter		7500 ft ³ /min (actual)	7500 ft ³ /min (actual)		8760 hr/yr (All Year)
EQT019	01S - VS-4 Packing Vacuum System Filter		1340 ft ³ /min (actual)			8760 hr/yr (All Year)
EQT022	052 - CS-2 Main Unit Filter Heat Load Vent		36.3 MM BTU/hr	32.67 MM BTU/hr		728 hr/yr (All Year)
EQT023	05B - CO-3A Main Unit Filter Heat Load Vent		20.6 MM BTU/hr	18.54 MM BTU/hr		468 hr/yr (All Year)
EQT024	062 - CS-2 Unit Dryer		14 MM BTU/hr	12.6 MM BTU/hr		8760 hr/yr (All Year)
EQT026	076 - CS-2 Fluffy Process Vacuum System Filter		2667 ft ³ /min (actual)	2667 ft ³ /min (actual)		4992 hr/yr (All Year)
EQT027	079 - Boiler- Barge Dock		14 MM BTU/hr	12.74 MM BTU/hr		2808 hr/yr (All Year)
EQT028	082 - S.B. Hopper Car Vacuum System Filter		3834 ft ³ /min (actual)			8760 hr/yr (All Year)
EQT029	083 - CS-2 Purge Gas Filter		4000 ft ³ /min (actual)	4000 ft ³ /min (actual)		8760 hr/yr (All Year)
EQT030	084 - CO-3A Purge Gas Filter		6284 ft ³ /min (actual)	6284 ft ³ /min (actual)		8760 hr/yr (All Year)
EQT031	086 - CO-3B Purge Gas Filter		6284 ft ³ /min (actual)	6284 ft ³ /min (actual)		8760 hr/yr (All Year)
EQT032	101 - VO-1 Bin Vent Filter		1000 ft ³ /min (actual)			8760 hr/yr (All Year)
EQT033	102 - VO-2 Bin Vent Filter		1000 ft ³ /min (actual)			8760 hr/yr (All Year)
EQT034	103 - VO-3 Bin Vent Filter		1000 ft ³ /min (actual)			8760 hr/yr (All Year)
EQT035	104 - VO-4 Bin Vent Filter		1000 ft ³ /min (actual)			8760 hr/yr (All Year)
EQT036	10S - CS-2 Fluffy Packer Vacuum System Filter		3000 ft ³ /min (actual)			8760 hr/yr (All Year)
EQT037	110 - VS-1 Bin Vent Filter		1000 ft ³ /min (actual)			8760 hr/yr (All Year)
EQT038	120 - VS-2 Bin Vent Filter		1000 ft ³ /min (actual)			8760 hr/yr (All Year)
EQT039	130 - VS-3 Bin Vent Filter		1000 ft ³ /min (actual)			8760 hr/yr (All Year)
EQT040	135 - Silo 5 Bin Vent Filter (West)		1000 ft ³ /min (actual)			8760 hr/yr (All Year)
EQT041	136 - Silo 5 Bin Vent Filter (East)		1000 ft ³ /min (actual)			8760 hr/yr (All Year)
EQT042	152 - CO-6 East Purge Gas Filter		6284 ft ³ /min (actual)	6284 ft ³ /min (actual)		8760 hr/yr (All Year)
EQT043	153 - CO-6 West Purge Gas Filter		6284 ft ³ /min (actual)	6284 ft ³ /min (actual)		8760 hr/yr (All Year)
EQT044	154 - C-7 Main Unit Filter Heat Load Vent		41.3 MM BTU/hr	37.58 MM BTU/hr		416 hr/yr (All Year)
EQT045	155 - C-7 Process Filter		5834 ft ³ /min (actual)	5834 ft ³ /min (actual)		8760 hr/yr (All Year)
EQT046	158 - C-7 East Purge Gas Filter		6284 ft ³ /min (actual)	6284 ft ³ /min (actual)		8760 hr/yr (All Year)
EQT047	159 - C-7 West Purge Gas Filter		6284 ft ³ /min (actual)	6284 ft ³ /min (actual)		8760 hr/yr (All Year)
EQT048	160 - C-7 Reactor Vent Scrubber		6284 ft ³ /min (actual)	6284 ft ³ /min (actual)		416 hr/yr (All Year)
EQT050	201 - No. 1 Oil Tank Vent	1.26 million gallons	41.3 MM BTU/hr	41.3 MM BTU/hr		8760 hr/yr (All Year)

INVENTORIES

AI ID: 19901 - Cabot Corp - Canal Plant
Activity Number: PER19960001
Permit Number: 2660-00004-V0
Air - Title V Regular Permit Initial

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
EQT051	202 - No. 2 Oil Tank Vent	1.26 million gallons				8760 hr/yr (All Year)
EQT052	203 - No. 3 Oil Tank Vent	1.26 million gallons				8760 hr/yr (All Year)
EQT053	204 - No. 4 Oil Tank Vent	1.26 million gallons				8760 hr/yr (All Year)
EQT054	205 - No. 5 Oil Tank Vent	1.89 million gallons				8760 hr/yr (All Year)
EQT055	210 - #1 Day Run Tank Vent	63000 gallons				8760 hr/yr (All Year)
EQT056	211 - #2 Day Run Tank Vent	63000 gallons				8760 hr/yr (All Year)
EQT057	212 - #3 Day Run Tank Vent	63000 gallons				8760 hr/yr (All Year)
EQT058	215 - Ink Oil Tank #1	10500 gallons				8760 hr/yr (All Year)
EQT059	216 - Ink Oil Tank #2	10500 gallons				8760 hr/yr (All Year)
EQT060	217 - Ink Oil Tank #3	10500 gallons				8760 hr/yr (All Year)
EQT062	302 - CS-1&CS-2 Reactor Vent Scrubber		41 MM BTU/hr	41 MM BTU/hr		1040 hr/yr (All Year)
EQT063	303 - CS-3A & CS-3B Reactor Vent Scrubber		41.3 MM BTU/hr	41.3 MM BTU/hr		1456 hr/yr (All Year)
EQT064	305 - CO-5 Reactor Vent Scrubber		41.3 MM BTU/hr	41.3 MM BTU/hr		624 hr/yr (All Year)
EQT065	306 - CO-6 Reactor Vent Scrubber		41.3 MM BTU/hr	41.3 MM BTU/hr		416 hr/yr (All Year)
EQT067	600 - CS-1 Off Quality Tank	15000 gallons				1144 hr/yr (All Year)
EQT068	610 - C-7 Off Quality Tank	26000 gallons				520 hr/yr (All Year)
EQT069	611 - C-7 Storage Tank Bin Vent Filter		1000 SCFM			2496 hr/yr (All Year)
EQT070	612 - CO-6 Off Quality Tank	26000 gallons				520 hr/yr (All Year)
EQT071	615 - CO-3B Off Quality Tank	15000 gallons				1040 hr/yr (All Year)
EQT072	616 - VO-2 Storage Tank	74800 gallons				936 hr/yr (All Year)
EQT073	617 - VO-1 Storage Tank	74800 gallons				936 hr/yr (All Year)
EQT074	618 - Silo 1 Bin Vent Filter		1000 SCFM			8760 hr/yr (All Year)
EQT075	619 - VS-4 Bin Vent Filter		1000 SCFM			8760 hr/yr (All Year)
EQT076	620 - CO-3A Off Quality Tank	21000 gallons				1040 hr/yr (All Year)
EQT077	621 - CO-5 Off Quality Tank	26000 gallons				1040 hr/yr (All Year)
EQT078	622 - CS-2 Off Quality Tank	21000 gallons				1144 hr/yr (All Year)
EQT079	65A - CS Dual Grade Tank Bin Vent Filter (West) VS-6	45000 gallons				8760 hr/yr (All Year)
EQT080	65B - CS Dual Grade Tank Bin Vent Filter (East) VS-7	45000 gallons				8760 hr/yr (All Year)
EQT084	72A - CO-5 East Purge Gas Filter		6284 ft ³ /min (actual)	1000 ft ³ /min		8760 hr/yr (All Year)
EQT085	72B - CO-5 West Purge Gas Filter		6284 ft ³ /min (actual)			8760 hr/yr (All Year)
EQT086	81A - North Acton Vacuum System Filter		8000 ft ³ /min (actual)	8000 ft ³ /min (actual)		8760 hr/yr (All Year)
EQT087	81B - South Acton Vacuum System Filter		8000 ft ³ /min (actual)	8000 ft ³ /min (actual)		8760 hr/yr (All Year)
EQT088	950 - Gasoline Storage Tank - Vehicle Use	1100 gallons				8760 hr/yr (All Year)
EQT089	951 - Gasoline Storage Tank - Contractor Use	550 gallons				8760 hr/yr (All Year)
EQT094	FGC - Shutdown/Startup/Sampling					8760 hr/yr (All Year)
EQT096	999 - Combusted Tail Gas Stack		8.3 MM scf/hr			8760 hr/yr (All Year)
FUG001	400 - Plantwide Fugitives					8760 hr/yr (All Year)

INVENTORIES

AI ID: 19901 - Cabot Corp - Canal Plant
 Activity Number: PER19960001
 Permit Number: 2660-00004-V0
 Air - Title V Regular Permit Initial

Subject Item Groups:

ID	Description	Included Components (from Above)
GRP001	Entire Facility	AI19901
GRP001	Entire Facility	EQ18 004 - CS-1 Main Unit Filter Heat Load Vent
GRP001	Entire Facility	EQ111 001 - CO-3B Main Unit Filter Heat Load Vent
GRP001	Entire Facility	EQ112 002 - CO-5 Main Unit Filter Heat Load Vent
GRP001	Entire Facility	EQ113 003 - C-6 Main Unit Filter Heat Load Vent
GRP001	Entire Facility	EQ114 006 - CO-3A Process Filter
GRP001	Entire Facility	EQ115 007 - CO-3B Process Filter
GRP001	Entire Facility	EQ116 008 - CO-5 Process Filter
GRP001	Entire Facility	EQ117 009 - CO-6 Process Filter
GRP001	Entire Facility	EQ118 010 - CS-1/CS-2 Process Filter
GRP001	Entire Facility	EQ119 015 - VS-4 Packing Vacuum System Filter
GRP001	Entire Facility	EQ122 052 - CS-2 Main Unit Filter Heat Load Vent
GRP001	Entire Facility	EQ123 058 - CO-3A Main Unit Filter Heat Load Vent
GRP001	Entire Facility	EQ124 062 - CS-2 Unit Dryer
GRP001	Entire Facility	EQ126 076 - CS-2 Fluffy Process Vacuum System Filter
GRP001	Entire Facility	EQ127 079 - Boiler- Barge Dock
GRP001	Entire Facility	EQ128 082 - S.B. Hopper Car Vacuum System Filter
GRP001	Entire Facility	EQ129 083 - CS-2 Purge Gas Filter
GRP001	Entire Facility	EQ130 084 - CO-3A Purge Gas Filter
GRP001	Entire Facility	EQ131 086 - CO-3B Purge Gas Filter
GRP001	Entire Facility	EQ132 101 - VO-1 Bin Vent Filter
GRP001	Entire Facility	EQ133 102 - VO-2 Bin Vent Filter
GRP001	Entire Facility	EQ134 103 - VO-3 Bin Vent Filter
GRP001	Entire Facility	EQ135 104 - VO-4 Bin Vent Filter
GRP001	Entire Facility	EQ136 10S - CS-2 Fluffy Packer Vacuum System Filter
GRP001	Entire Facility	EQ137 110 - VS-1 Bin Vent Filter
GRP001	Entire Facility	EQ138 120 - VS-2 Bin Vent Filter
GRP001	Entire Facility	EQ139 130 - VS-3 Bin Vent Filter
GRP001	Entire Facility	EQ140 135 - Silo 5 Bin Vent Filter (West)
GRP001	Entire Facility	EQ141 136 - Silo 5 Bin Vent Filter (East)
GRP001	Entire Facility	EQ142 152 - CO-6 East Purge Gas Filter
GRP001	Entire Facility	EQ143 153 - CO-6 West Purge Gas Filter
GRP001	Entire Facility	EQ144 154 - C-7 Main Unit Filter Heat Load Vent
GRP001	Entire Facility	EQ145 155 - C-7 Process Filter
GRP001	Entire Facility	EQ146 158 - C-7 East Purge Gas Filter
GRP001	Entire Facility	EQ147 159 - C-7 West Purge Gas Filter
GRP001	Entire Facility	EQ148 160 - C-7 Reactor Vent Scrubber

INVENTORIES

AI ID: 19901 - Cabot Corp - Canal Plant
 Activity Number: PER19960001
 Permit Number: 2660-00004-V0
 Air - Title V Regular Permit Initial

Subject Item Groups:		Included Components (from Above)	
ID	Description		
GRP001	Entire Facility	EQT50 201 - No. 1 Oil Tank Vent	
GRP001	Entire Facility	EQT51 202 - No. 2 Oil Tank Vent	
GRP001	Entire Facility	EQT52 203 - No. 3 Oil Tank Vent	
GRP001	Entire Facility	EQT53 204 - No. 4 Oil Tank Vent	
GRP001	Entire Facility	EQT54 205 - No. 5 Oil Tank Vent	
GRP001	Entire Facility	EQT55 210 - #1 Day Run Tank Vent	
GRP001	Entire Facility	EQT56 211 - #2 Day Run Tank Vent	
GRP001	Entire Facility	EQT57 212 - #3 Day Run Tank Vent	
GRP001	Entire Facility	EQT58 215 - Ink Oil Tank #1	
GRP001	Entire Facility	EQT59 216 - Ink Oil Tank #2	
GRP001	Entire Facility	EQT60 217 - Ink Oil Tank #3	
GRP001	Entire Facility	EQT62 302 - CS-1&CS-2 Reactor Vent Scrubber	
GRP001	Entire Facility	EQT63 303 - CS-3A & CS-3B Reactor Vent Scrubber	
GRP001	Entire Facility	EQT64 305 - CO-5 Reactor Vent Scrubber	
GRP001	Entire Facility	EQT65 306 - CO-6 Reactor Vent Scrubber	
GRP001	Entire Facility	EQT67 600 - CS-1 Off Quality Tank	
GRP001	Entire Facility	EQT68 610 - C-7 Off Quality Tank	
GRP001	Entire Facility	EQT69 611 - C-7 Storage Tank Bin Vent Filter	
GRP001	Entire Facility	EQT70 612 - CO-6 Off Quality Tank	
GRP001	Entire Facility	EQT71 615 - CO-3B Off Quality Tank	
GRP001	Entire Facility	EQT72 616 - VO-2 Storage Tank	
GRP001	Entire Facility	EQT73 617 - VO-1 Storage Tank	
GRP001	Entire Facility	EQT74 618 - Silo 1 Bin Vent Filter	
GRP001	Entire Facility	EQT75 619 - VS-4 Bin Vent Filter	
GRP001	Entire Facility	EQT76 620 - CO-3A Off Quality Tank	
GRP001	Entire Facility	EQT77 621 - CO-5 Off Quality Tank	
GRP001	Entire Facility	EQT78 622 - CS-2 Off Quality Tank	
GRP001	Entire Facility	EQT79 65A - CS Dual Grade Tank Bin Vent Filter (West) VS-6	
GRP001	Entire Facility	EQT80 65B - CS Dual Grade Tank Bin Vent Filter (East) VS-7	
GRP001	Entire Facility	EQT84 72A - CO-5 East Purge Gas Filter	
GRP001	Entire Facility	EQT85 72B - CO-5 West Purge Gas Filter	
GRP001	Entire Facility	EQT86 81A - North Action Vacuum System Filter	
GRP001	Entire Facility	EQT87 81B - South Action Vacuum System Filter	
GRP001	Entire Facility	EQT88 950 - Gasoline Storage Tank - Vehicle Use	
GRP001	Entire Facility	EQT89 951 - Gasoline Storage Tank - Contractor Use	
GRP001	Entire Facility	EQT94 FGC - Shutdown/Startup/Sampling	
GRP001	Entire Facility	EQT96 999 - Combusted Tail Gas Stack	

INVENTORIES

AI ID: 19901 - Cabot Corp - Canal Plant
Activity Number: PER19960001
Permit Number: 2660-00004-V0
Air - Title V Regular Permit Initial

Subject Item Groups:

ID	Description	Included Components (from Above)
GRP001	Entire Facility	FUG1 400 - Plantwide Fugitives
GRP001	Entire Facility	GRP2 CAP
GRP002	CAP	EQT14 006 - CO-3A Process Filter
GRP002	CAP	EQT15 007 - CO-3B Process Filter
GRP002	CAP	EQT16 008 - CO-5 Process Filter
GRP002	CAP	EQT17 009 - CO-6 Process Filter
GRP002	CAP	EQT18 010 - CS-1/CS-2 Process Filter
GRP002	CAP	EQT29 083 - CS-2 Purge Gas Filter
GRP002	CAP	EQT30 084 - CO-3A Purge Gas Filter
GRP002	CAP	EQT31 086 - CO-3B Purge Gas Filter
GRP002	CAP	EQT42 152 - CO-6 East Purge Gas Filter
GRP002	CAP	EQT43 153 - CO-6 West Purge Gas Filter
GRP002	CAP	EQT45 155 - C-7 Process Filter
GRP002	CAP	EQT46 158 - C-7 East Purge Gas Filter
GRP002	CAP	EQT47 159 - C-7 West Purge Gas Filter
GRP002	CAP	EQT84 72A - CO-5 East Purge Gas Filter
GRP002	CAP	EQT85 72B - CO-5 West Purge Gas Filter
GRP002	CAP	EQT96 999 - Combusted Tail Gas Stack
GRP002	CAP	FUG1 400 - Plantwide Fugitives

Relationships:

Stack Information:

ID	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (of)
EQT008	51.22	32450	3.67		114	425
EQT011	52.09	33000	3.67		99	450
EQT012	130.3	82550	3.67		100	450
EQT013	130.3	82550	3.67		101	425
EQT014	57	3750	1.2		90	215
EQT015	57	4167	1.2		86	215
EQT016	57	5000	1.5		114	215
EQT017	57	5833	1.5		105	215
EQT018	38.79	7500	2		92	215
EQT019	14.37	1340	1.41		100	120
EQT022	35.41	22436.7	3.67		114	425
EQT023	52.11	33014.7	3.67		99	450
EQT024	24.31	7158.7	2.5		109	950
EQT026	20.37	2666.7	1.67		111	215

INVENTORIES

AIID: 19901 - Cabot Corp - Canal Plant
Activity Number: PER19960001
Permit Number: 2660-00004-V0
Air - Title V Regular Permit Initial

Stack Information:

ID	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
EQT027	49.4	9312	2		13	600
EQT028	81.35	3833.3	1		122	150
EQT029	84.88	4000	1		90	350
EQT030	85.34	6283.3	1.25		88	350
EQT031	85.34	6283.3	1.25		88	350
EQT032	59.1	1000	.28		67	120
EQT033	266.85	1000	.28		67	120
EQT034	21.83	1000	.99		76	120
EQT035	75.06	1000	.53		77	120
EQT036	100	3000	.5		10	120
EQT037	60.04	1000	.59		68	120
EQT038	60.04	1000	.59		68	120
EQT039	30.56	1000	.83		68	120
EQT040	60.04	1000	.59		70	120
EQT041	60.04	1000	.59		70	120
EQT042	85.34	6283.3	1.25		127	350
EQT043	85.34	6283.3	1.25		127	350
EQT044	130.3	82550	3.67		150	425
EQT045	55.02	5833.3	1.5		105	215
EQT046	85.34	6283.3	1.25		127	350
EQT047	85.34	683.3	1.25		127	350
EQT048	194.64	82550	3		20	500
EQT050	4.6	216.7	1		39	135
EQT051	4.6	216.7	1		39	135
EQT052	4.6	216.7	1		39	135
EQT053	4.6	216.7	1		44	135
EQT054	10.35	216.7	.67		39	135
EQT055	4.77	25	.33		21	135
EQT056	1.59	8.3	.33		20	135
EQT057	4.77	25	.33		20	135
EQT058	19.1	25	.17		18	135
EQT059	19.1	25	.17		18	135
EQT060	19.1	25	.17		17	135
EQT062	73.91	7836.6	1.5		62	500
EQT063	175.15	33014.7	2		96	500
EQT064	86.51	82550	4.5		21	500
EQT065	194.64	82550	3		20	500
EQT067	.14	4.3	.5		29	150
EQT068	3.9	11.5	.25		53	150
EQT069	69	11.5	.59		70	100
EQT070	3.9	11.5	.25		71	150
EQT071	1.65	4.9	.25		28	150

INVENTORIES

AI ID: 19901 - Cabot Corp - Canal Plant
 Activity Number: PER19960001
 Permit Number: 2660-00004-V0
 Air - Title V Regular Permit Initial

Stack Information:

ID	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
EQT072	3.71	4.9	.17		71	100
EQT073	3.71	4.9	.17		71	100
EQT074	60.04	1000	.59		70	120
EQT075	30.56	1000	.83		98	120
EQT076	1.65	4.9	.25		28	150
EQT077	3.9	11.5	.25		71	150
EQT078	.14	4.3	.5		29	150
EQT079	28.03	1000	.59		80	120
EQT080	28.03	1000	.59		80	120
EQT084	85.34	6283.3	1.25		127	350
EQT085	85.34	6283.3	1.25		127	350
EQT086	95.49	8000	1.33		39	150
EQT087	95.49	8000	1.33		39	150
EQT088			.26		10	100
EQT089				.01	11	100

Fee Information:

Subj Item Id	Multiplier	Units Of Measure	Fee Desc
GRP001	492	MM Lb/Yr	0680 - Carbon Black Manufacture (Rated Capacity)

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 19901 - Cabot Corp - Canal Plant
 Activity Number: PER19960001
 Permit Number: 2660-00004-V0
 Air - Title V Regular Permit Initial

All phases

Subject Item	PM ₁₀			SO ₂			NOx			CO			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 008 004	< 0.001	< 0.001	< 0.01	0.01	0.01	0.01	1.83	2.20	1.57	1.54	1.85	1.32	0.10	0.12	0.09
EQT 011 001	< 0.001	< 0.001	< 0.01	0.01	0.02	0.01	2.24	2.69	1.17	1.89	2.26	0.98	0.12	0.15	0.06
EQT 012 002	< 0.001	< 0.001	< 0.01	0.02	0.03	0.01	4.50	5.40	1.40	3.78	4.54	1.18	0.25	0.30	0.08
EQT 013 003	< 0.001	< 0.001	< 0.01	0.03	0.03	0.01	4.50	5.40	0.94	3.78	4.54	0.79	0.25	0.30	0.05
EQT 014 006		0.42			0.27			0.14			83.56			5.09	
EQT 015 007		0.38			0.24			0.13			75.13			4.57	
EQT 016 008		0.74			0.48			0.25			146.18			8.90	
EQT 017 009		1.37			0.88			0.46			271.35			16.51	
EQT 018 010		0.60			0.39			0.21			120.10			7.31	
EQT 019 015	< 0.001	< 0.001	< 0.01												
EQT 022 052	< 0.001	< 0.001	< 0.01	0.02	0.03	0.01	3.95	4.75	1.44	3.32	3.99	1.21	0.22	0.26	0.08
EQT 023 058	< 0.001	< 0.001	< 0.01	0.01	0.02	0.01	2.24	2.69	0.53	1.89	2.26	0.44	0.12	0.15	0.03
EQT 024 062	0.12	0.14	0.51	0.01	0.01	0.04	1.53	1.83	6.68	1.28	1.54	5.61	0.08	0.10	0.37
EQT 026 076	0.12	0.18	0.26												
EQT 027 079	0.14	0.16	0.19	0.01	0.01	0.02	1.80	2.16	2.52	1.51	1.81	2.12	0.10	0.12	0.14
EQT 028 082	0.04	0.04	0.16												
EQT 029 083		0.01			0.75			0.26			3.90			1.09	
EQT 030 084		0.02			2.13			0.74			11.11			3.10	

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 19901 - Cabot Corp - Canal Plant
 Activity Number: PER19960001
 Permit Number: 2660-00004-V0
 Air - Title V Regular Permit Initial

All phases

Subject Item	PM ₁₀			SO ₂			NOx			CO			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 031 086		0.02			1.92			0.66			9.99			2.79	
EQT 032 101	0.003	0.003	0.01												
EQT 033 102	0.003	0.003	0.01												
EQT 034 103	0.003	0.003	0.01												
EQT 035 104	0.003	0.003	0.01												
EQT 036 105	0.002	0.003	0.01												
EQT 037 110	0.003	0.003	0.01												
EQT 038 120	0.003	0.003	0.01												
EQT 039 130	0.01	0.01	0.06												
EQT 040 135	0.003	0.003	0.01												
EQT 041 136	0.003	0.003	0.01												
EQT 042 152		0.04			3.46			1.19			18.04			5.03	
EQT 043 153		0.04			3.46			1.19			18.04			5.03	
EQT 044 154	< 0.001	< 0.001	< 0.01	0.03	0.03	< 0.01	0.94	5.40	0.94	3.78	4.54	0.79	0.25	0.30	0.05
EQT 045 155		1.37			0.88			0.46			271.35			16.51	
EQT 046 158		0.03			3.46			1.19			18.04			5.03	
EQT 047 159		0.03			3.46			1.19			18.04			5.03	
EQT 048 160	0.14	0.16	0.03	0.03	0.03	< 0.01	0.94	5.40	0.94	3.78	4.54	0.79	0.25	0.30	0.05

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 19901 - Cabot Corp - Canal Plant
 Activity Number: PER19960001
 Permit Number: 2660-00004-V0
 Air - Title V Regular Permit Initial

All phases

Subject Item	PM ₁₀			SO ₂			NOx			CO			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 050 201													0.04	0.16	0.19
EQT 051 202													0.04	0.16	0.19
EQT 052 203													0.04	0.16	0.19
EQT 053 204													0.04	0.16	0.19
EQT 054 205													0.06	1.60	0.25
EQT 055 210													0.01	0.01	0.03
EQT 056 211													0.01	0.02	0.03
EQT 057 212													0.01	0.01	0.05
EQT 058 215													0.01	0.01	0.04
EQT 059 216													0.01	0.01	0.04
EQT 060 217													0.01	0.01	0.04
EQT 062 302	0.14	0.16	0.07	0.03	0.03	0.01	4.47	5.36	2.32	3.75	4.50	1.95	0.25	0.30	0.13
EQT 063 303	0.14	0.16	0.10	0.03	0.03	0.02	4.50	5.40	3.28	3.78	4.54	2.75	0.25	0.30	0.18
EQT 064 305	0.14	0.16	0.04	0.03	0.03 <	0.01	4.50	5.40	1.40	3.78	4.54	1.18	0.25	0.30	0.08
EQT 065 306	0.14	0.16	0.03	0.03	0.03 <	0.01	4.50	5.40	0.94	3.78	4.54	0.79	0.25	0.30	0.05
EQT 067 600	0.001	0.01 <	0.01												
EQT 068 610	0.03	0.03 <	0.01												
EQT 069 611	0.003	0.003	0.01												

EMISSION RATES FOR CRITERIA POLLUTANTS

AIID: 19901 - Cabot Corp - Canal Plant
 Activity Number: PER19960001
 Permit Number: 2660-00004-V0
 Air - Title V Regular Permit Initial

All phases

Subject Item	PM ₁₀			SO ₂			NO _x			CO			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 070 612	0.03	0.03	< 0.01												
EQT 071 615	0.01	0.01	< 0.01												
EQT 072 616	0.01	0.01	< 0.01												
EQT 073 617	0.01	0.01	< 0.01												
EQT 074 618	0.003	0.003	0.01												
EQT 075 619	0.01	0.01	0.06												
EQT 076 620	0.01	0.01	< 0.01												
EQT 077 621	0.03	0.03	< 0.01												
EQT 078 622	0.01	0.01	< 0.01												
EQT 079 65A	0.003	0.003	0.01												
EQT 080 65B	0.003	0.003	0.01												
EQT 084 72A		0.02		1.86	0.64			0.64	9.72	2.71			2.71		
EQT 085 72B		0.02		1.86	0.64			0.64	9.72	2.71			2.71		
EQT 086 81A	0.06	0.06	0.26												
EQT 087 81B	0.06	0.06	0.26												
EQT 088 950													0.03	0.81	0.14
EQT 089 951													0.02	0.57	0.09
EQT 094 FGC	0.15	3.70	0.68	0.49	11.73	2.14	1.03	5.64	161.23	8.92	706.18	3869.45	213.94	39.05	

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 19901 - Cabot Corp - Canal Plant
 Activity Number: PER19960001
 Permit Number: 2660-00004-V0
 Air - Title V Regular Permit Initial

All phases

Subject Item	PM ₁₀			SO ₂			NOx			CO			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 096 999		88.61			7550.71			445.01			1034.04			105.20	
FUG 001 400		4.72			0.03			0.02			8.80			0.53	
GRP 002	81.42		356.62	6186.92		27098.71	410.03		1795.91	1380.37		6046.00	92.49		405.09

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

Permit Phase Totals:

PM10: 359.52 tons/yr
 SO2: 27101.00 tons/yr
 NOx: 1823.00 tons/yr
 CO: 6774.06 tons/yr
 VOC: 447.05 tons/yr

Emission rates Notes:

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 19901 - Cabot Corp - Canal Plant
 Activity Number: PER19960001
 Permit Number: 2660-00004-V0
 Air - Title V Regular Permit Initial

All phases

Subject Item	Ammonia			Carbon disulfide			Carbonyl sulfide			Ethylene			Hydrogen cyanide		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 014 006		< 0.001		1.577				0.602			0.266			0.287	
EQT 015 007		< 0.001		1.418				0.541			0.239			0.258	
EQT 016 008		< 0.001		2.759				1.052			0.465			0.503	
EQT 017 009		< 0.001		5.121				1.953			0.863			0.933	
EQT 018 010		< 0.001		2.267				0.865			0.382			0.413	
EQT 019 015															
EQT 026 076															
EQT 028 062															
EQT 029 083		< 0.001		0.645				0.216			< 0.001			0.228	
EQT 030 084		< 0.001		1.835				0.616			< 0.001			0.649	
EQT 031 096		< 0.001		1.650				0.554			< 0.001			0.583	
EQT 032 101															
EQT 033 102															
EQT 034 103															
EQT 035 104															
EQT 036 105															
EQT 037 110															
EQT 038 120															

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 19901 - Cabot Corp - Canal Plant
 Activity Number: PER19960001
 Permit Number: 2660-00004-V0
 Air - Title V Regular Permit Initial

All phases

Subject Item	Hydrogen sulfide			Total suspended particulate		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 014 006		2.221				
EQT 015 007		1.997				
EQT 016 008		3.885				
EQT 017 009		7.211				
EQT 018 010		3.192				
EQT 019 01S					0.02	
EQT 026 076					0.82	
EQT 028 082					0.30	
EQT 029 083		0.143				
EQT 030 084		0.406				
EQT 031 086		0.365				
EQT 032 101					0.05	
EQT 033 102					0.05	
EQT 034 103					0.05	
EQT 035 104					0.05	
EQT 036 10S					0.05	
EQT 037 110					0.05	
EQT 038 120					0.05	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 19901 - Cabot Corp - Canal Plant
 Activity Number: PER19960001
 Permit Number: 2660-00004-V0
 Air - Title V Regular Permit Initial

All phases

Subject Item	Ammonia			Carbon disulfide			Carbonyl sulfide			Ethylene			Hydrogen cyanide		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 039 130															
EQT 041 136															
EQT 042 152	< 0.001	< 0.001		2.980	2.980		1.000	< 0.001						1.053	
EQT 043 153	< 0.001	< 0.001		2.980	2.980		1.000	< 0.001						1.053	
EQT 045 155	< 0.001	< 0.001		5.121	5.121		1.953	0.863						0.933	
EQT 046 158	< 0.001	< 0.001		2.980	2.980		1.000	< 0.001						1.053	
EQT 047 159	< 0.001	< 0.001		2.980	2.980		1.000	< 0.001						1.053	
EQT 067 600															
EQT 068 610															
EQT 069 611															
EQT 070 612															
EQT 071 615															
EQT 072 616															
EQT 073 617															
EQT 074 618															
EQT 075 619															
EQT 076 620															
EQT 077 621															

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 19901 - Cabot Corp - Canal Plant
 Activity Number: PER19960001
 Permit Number: 2660-00004-V0
 Air - Title V Regular Permit Initial

All phases

Subject Item	Hydrogen sulfide			Total suspended particulate		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 039 130					0.14	
EQT 041 136					0.05	
EQT 042 152		0.660				
EQT 043 153		0.660				
EQT 045 155		7.211				
EQT 046 158		0.660				
EQT 047 159		0.660				
EQT 067 600					0.12	
EQT 068 610					0.24	
EQT 069 611					0.05	
EQT 070 612					0.24	
EQT 071 615					0.12	
EQT 072 616					0.12	
EQT 073 617					0.12	
EQT 074 618					0.05	
EQT 075 619					0.14	
EQT 076 620					0.12	
EQT 077 621					0.24	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 19901 - Cabot Corp - Canal Plant
 Activity Number: PER19960001
 Permit Number: 2660-00004-V0
 Air - Title V Regular Permit Initial

All phases

Subject Item	Ammonia			Carbon disulfide			Carbonyl sulfide			Ethylene			Hydrogen cyanide		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 078 622															
EQT 079 65A															
EQT 080 65B															
EQT 084 72A	< 0.001	< 0.001		1.605	1.605			0.539	0.539		< 0.001			0.567	
EQT 085 72B	< 0.001	< 0.001		1.605	1.605			0.539	0.539		< 0.001			0.567	
EQT 086 81A															
EQT 087 81B															
EQT 094 FGC				2.263	54.301	9.910	0.994	23.863	4.355	0.572	13.726	2.505	0.533	12.795	2.335
EQT 096 999		< 0.001			27.535			7.064			2.798			42.790	
FUG 001 400		< 0.001			0.167			0.064			0.027			0.030	
GRP 002	< 0.001	< 0.001	< 0.001	35.80		156.78	10.97		48.07	3.38		14.84	9.77		42.78

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 19901 - Cabot Corp - Canal Plant
 Activity Number: PER19960001
 Permit Number: 2660-00004-V0
 Air - Title V Regular Permit Initial

All phases

Subject Item	Hydrogen sulfide			Total suspended particulate		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 078 622					0.12	
EQT 079 6SA					0.05	
EQT 080 6SB					0.05	
EQT 084 72A		0.355				
EQT 085 72B		0.355				
EQT 086 81A					0.41	
EQT 087 81B					0.41	
EQT 094 FGC	3.768	90.438	16.505			
EQT 096 999		27.434				
FUG 001 400		0.235				
GRP 002	34.67		151.85	1.02		4.46

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

Permit Parameter Totals:

Ammonia: <0.001 tons/yr
 Carbon disulfide: 166.69 tons/yr
 Carbonyl sulfide: 52.43 tons/yr
 Ethylene: 17.35 tons/yr
 Hydrogen cyanide: 45.12 tons/yr
 Hydrogen sulfide: 168.36 tons/yr
 Total suspended particulate: 4.46 tons/yr

Emission Rates Notes:

EQT 019 Total suspended Max lb/hr . The rate of emission shall be the total of all emission points from the source Which Months: All Year Page 6 of 8

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 19901 - Cabot Corp - Canal Plant

Activity Number: PER19960001

Permit Number: 2660-00004-V0

Air - Title V Regular Permit Initial

All phases

EQT 019	particulate	Max lb/hr	The rate of emission shall be the total of all emission points from the source	Which Months: All Year
EQT 026	Total suspended particulate	Max lb/hr	The rate of emission shall be the total of all emission points from the source	Which Months: All Year
EQT 028	Total suspended particulate	Max lb/hr	The rate of emission shall be the total of all emission points from the source	Which Months: All Year
EQT 032	Total suspended particulate	Max lb/hr	The rate of emission shall be the total of all emission points from the source	Which Months: All Year
EQT 033	Total suspended particulate	Max lb/hr	The rate of emission shall be the total of all emission points from the source	Which Months: All Year
EQT 034	Total suspended particulate	Max lb/hr	The rate of emission shall be the total of all emission points from the source	Which Months: All Year
EQT 035	Total suspended particulate	Max lb/hr	The rate of emission shall be the total of all emission points from the source	Which Months: All Year
EQT 036	Total suspended particulate	Max lb/hr	The rate of emission shall be the total of all emission points from the source	Which Months: All Year
EQT 037	Total suspended particulate	Max lb/hr	The rate of emission shall be the total of all emission points from the source	Which Months: All Year
EQT 038	Total suspended particulate	Max lb/hr	The rate of emission shall be the total of all emission points from the source	Which Months: All Year
EQT 039	Total suspended particulate	Max lb/hr	The rate of emission shall be the total of all emission points from the source	Which Months: All Year
EQT 041	Total suspended particulate	Max lb/hr	The rate of emission shall be the total of all emission points from the source	Which Months: All Year
EQT 067	Total suspended particulate	Max lb/hr	The rate of emission shall be the total of all emission points from the source	Which Months: All Year
EQT 068	Total suspended particulate	Max lb/hr	The rate of emission shall be the total of all emission points from the source	Which Months: All Year
EQT 069	Total suspended particulate	Max lb/hr	The rate of emission shall be the total of all emission points from the source	Which Months: All Year
EQT 070	Total suspended particulate	Max lb/hr	The rate of emission shall be the total of all emission points from the source	Which Months: All Year
EQT 071	Total suspended particulate	Max lb/hr	The rate of emission shall be the total of all emission points from the source	Which Months: All Year
EQT 072	Total suspended particulate	Max lb/hr	The rate of emission shall be the total of all emission points from the source	Which Months: All Year
EQT 073	Total suspended particulate	Max lb/hr	The rate of emission shall be the total of all emission points from the source	Which Months: All Year
EQT 074	Total suspended particulate	Max lb/hr	The rate of emission shall be the total of all emission points from the source	Which Months: All Year
EQT 075	Total suspended particulate	Max lb/hr	The rate of emission shall be the total of all emission points from the source	Which Months: All Year
EQT 076	Total suspended particulate	Max lb/hr	The rate of emission shall be the total of all emission points from the source	Which Months: All Year
EQT 077	Total suspended particulate	Max lb/hr	The rate of emission shall be the total of all emission points from the source	Which Months: All Year
EQT 078	Total suspended particulate	Max lb/hr	The rate of emission shall be the total of all emission points from the source	Which Months: All Year
EQT 079	Total suspended particulate	Max lb/hr	The rate of emission shall be the total of all emission points from the source	Which Months: All Year

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 19901 - Cabot Corp - Canal Plant

Activity Number: PER19960001

Permit Number: 2660-00004-V0

Air - Title V Regular Permit Initial

All phases

EQT 080	Total suspended particulate	Max lb/hr	The rate of emission shall be the total of all emission points from the source	Which Months: All Year
EQT 086	Total suspended particulate	Max lb/hr	The rate of emission shall be the total of all emission points from the source	Which Months: All Year
EQT 087	Total suspended particulate	Max lb/hr	The rate of emission shall be the total of all emission points from the source	Which Months: All Year
GRP 002	Total suspended particulate	Avg lb/hr	The rate of emission shall be the total of all emission points from the source	Which Months: All Year
GRP 002	Total suspended particulate	Tons/Year	The rate of emission shall be the total of all emission points from the source	Which Months: All Year

SPECIFIC REQUIREMENTS

AI ID: 19901 - Cabot Corp - Canal Plant
Activity Number: PER19960001
Permit Number: 2660-00004-V0
Air - Title V Regular Permit Initial

EQT008 004 - CS-1 Main Unit Filter Heat Load Vent

- 1 Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified
- 2 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 3 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 4 HAP \geq 98 % reduction by weight, or HAP \leq 20 ppmv, whichever is less stringent, by venting emissions through a closed-vent system to any combination of control devices meeting the requirements of 40 CFR 63.982(a)(2). Subpart YY. [40 CFR 63.1103(f)(3)]
Which Months: All Year Statistical Basis: None specified

EQT011 001 - CO-3B Main Unit Filter Heat Load Vent

- 5 Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified
- 6 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 7 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 8 HAP \geq 98 % reduction by weight, or HAP \leq 20 ppmv, whichever is less stringent, by venting emissions through a closed-vent system to any combination of control devices meeting the requirements of 40 CFR 63.982(a)(2). Subpart YY. [40 CFR 63.1103(f)(3)]
Which Months: All Year Statistical Basis: None specified

EQT012 002 - CO-5 Main Unit Heat Load Vent

- 9 Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified
- 10 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average

SPECIFIC REQUIREMENTS

AI ID: 19901 - Cabot Corp - Canal Plant
Activity Number: PER19960001
Permit Number: 2660-00004-V0
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EQT012 **002 - CO-5 Main Unit Heat Load Vent**

- 11 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 12 HAP >= 98 % reduction by weight, or HAP <= 20 ppmv, whichever is less stringent, by venting emissions through a closed-vent system to any combination of control devices meeting the requirements of 40 CFR 63.982(a)(2). Subpart YY. [40 CFR 63.1103(f)(3)]
Which Months: All Year Statistical Basis: None specified

EQT013 **003 - C-6 Main Unit Filter Heat Load Vent**

- 13 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified
- 14 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 15 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 16 HAP >= 98 % reduction by weight, or HAP <= 20 ppmv, whichever is less stringent, by venting emissions through a closed-vent system to any combination of control devices meeting the requirements of 40 CFR 63.982(a)(2). Subpart YY. [40 CFR 63.1103(f)(3)]
Which Months: All Year Statistical Basis: None specified

EQT014 **006 - CO-3A Process Filter**

- 17 Total suspended particulate <= 9.07 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
- 18 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 19 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 20 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 21 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 22 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 19901 - Cabot Corp - Canal Plant
Activity Number: PER19960001
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Air - Title V Regular Permit Initial

EQT014 **006 - CO-3A Process Filter**

- 23 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
24 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. (MACT has been determined to be no additional controls). [LAC 33:III.5109.A]

EQT015 **007 - CO-3B Process Filter**

- 25 Total suspended particulate \leq 8.44 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
26 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
27 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
28 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
29 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
30 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
31 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
32 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. (MACT has been determined to be no additional controls). [LAC 33:III.5109.A]

EQT016 **008 - CO-5 Process Filter**

- 33 Total suspended particulate \leq 13.19 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
34 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
35 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
36 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 19901 - Cabot Corp - Canal Plant
Activity Number: PER19960001
Permit Number: 2660-00004-V0
Air - Title V Regular Permit Initial

EQT016 008 - CO-5 Process Filter

- 37 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 38 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 39 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 40 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. (MACT has been determined to be no additional controls). [LAC 33:III.5109.A]

EQT017 009 - CO-6 Process Filter

- 41 Total suspended particulate \leq 19.96 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
- 42 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 43 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 44 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 45 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 46 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 47 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 48 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. (MACT has been determined to be no additional controls). [LAC 33:III.5109.A]

EQT018 010 - CS-1/CS-2 Process Filter

- 49 Total suspended particulate \leq 11.56 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
- 50 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average

SPECIFIC REQUIREMENTS

AI ID: 19901 - Cabot Corp - Canal Plant
Activity Number: PER19960001
Permit Number: 2660-00004-V0
Air - Title V Regular Permit Initial

EQT018 010 - CS-1/CS-2 Process Filter

- 51 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III. Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 52 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 53 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 54 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 55 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 56 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. (MACT has been determined to be no additional controls). [LAC 33:III.5109.A]

EQT019 01S - VS-4 Packing Vacuum System Filter

- 57 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 58 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 59 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 60 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 61 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

EQT022 052 - CS-2 Main Unit Filter Heat Load Vent

- 62 Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified
- 63 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average

SPECIFIC REQUIREMENTS

AI ID: 19901 - Cabot Corp - Canal Plant
Activity Number: PER19960001
Permit Number: 2660-00004-V0
Air - Title V Regular Permit Initial

EQT022 052 - CS-2 Main Unit Filter Heat Load Vent

64 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III. Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

65 HAP >= 98 % reduction by weight, or HAP <= 20 ppmv, whichever is less stringent, by venting emissions through a closed-vent system to any combination of control devices meeting the requirements of 40 CFR 63.982(a)(2). Subpart YY. [40 CFR 63.1103(f)(3)]
Which Months: All Year Statistical Basis: None specified

EQT023 05B - CO-3A Main Unit Filter Heat Load Vent

66 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified
67 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

68 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III. Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

69 HAP >= 98 % reduction by weight, or HAP <= 20 ppmv, whichever is less stringent, by venting emissions through a closed-vent system to any combination of control devices meeting the requirements of 40 CFR 63.982(a)(2). Subpart YY. [40 CFR 63.1103(f)(3)]
Which Months: All Year Statistical Basis: None specified

EQT024 062 - CS-2 Unit Dryer

70 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified
71 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

72 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III. Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT026 076 - CS-2 Fluffy Process Vacuum System Filter

73 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

SPECIFIC REQUIREMENTS

AI ID: 19901 - Cabot Corp - Canal Plant
Activity Number: PER19960001
Permit Number: 2660-00004-V0
Air - Title V Regular Permit Initial

EQT026 076 - CS-2 Fluffy Process Vacuum System Filter

- 74 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 75 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 76 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 77 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

EQT027 079 - Boiler- Barge Dock

- 78 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified
- 79 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified
- 80 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT028 082 - S.B. Hopper Car Vacuum System Filter

- 81 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 82 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 83 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 84 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 85 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

EQT029 083 - CS-2 Purge Gas Filter

- 86 Total suspended particulate <= 4.50 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

A) ID: 19901 - Cabot Corp - Canal Plant
Activity Number: PER19960001
Permit Number: 2660-00004-V0
Air - Title V Regular Permit Initial

EQT029 083 - CS-2 Purge Gas Filter

- 87 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 88 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
- 90 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 91 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 92 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 93 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. (MACT has been determined to be no additional controls). [LAC 33:III.5109.A]

EQT030 084 - CO-3A Purge Gas Filter

- 94 Total suspended particulate <= 9.07 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
- 95 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 96 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 98 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 99 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 100 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 101 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. (MACT has been determined to be no additional controls). [LAC 33:III.5109.A]

SPECIFIC REQUIREMENTS

AI ID: 19901 - Cabot Corp - Canal Plant
Activity Number: PER19960001
Permit Number: 2660-00004-V0
Air - Title V Regular Permit Initial

EQT031 **086 - CO-3B Purge Gas Filter**

- 102 Total suspended particulate \leq 8.44 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
- 103 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 104 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 105 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 106 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 107 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 108 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 109 Permittee shall install and maintain all fabric bag filters so that maximum particulate removal efficiencies are achieved. The filter elements (bags) shall be changed as necessary. Records of checks and maintenance inspections of the bag filters shall be kept on site and available for inspection by the Air Quality Division. [LAC 33:III.501.C.6]
- 110 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. (MACT has been determined to be no additional controls). [LAC 33:III.5109.A]

EQT032 **101 - VO-1 Bin Vent Filter**

- 111 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 112 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 113 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 114 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 115 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

EQT033 **102 - VO-2 Bin Vent Filter**

SPECIFIC REQUIREMENTS

AI ID: 19901 - Cabot Corp - Canal Plant
Activity Number: PER19960001
Permit Number: 2660-00004-V0
Air - Title V Regular Permit Initial

EQT033 102 - VO-2 Bin Vent Filter

116 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

117 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

118 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

119 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

120 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

EQT034 103 - VO-3 Bin Vent Filter

121 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

122 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

123 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

124 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

125 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

EQT035 104 - VO-4 Bin Vent Filter

126 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

127 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

128 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

129 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 19901 - Cabot Corp - Canal Plant
Activity Number: PER19960001
Permit Number: 2660-00004-V0
Air - Title V Regular Permit Initial

EQI035 104 - VO-4 Bin Vent Filter

130 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

EQI036 10S - CS-2 Fluffy Packer Vacuum System Filter

131 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

132 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

133 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

134 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

135 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

EQI037 110 - VS-1 Bin Vent Filter

136 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

137 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

138 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

139 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

140 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

EQI038 120 - VS-2 Bin Vent Filter

141 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

142 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 19901 - Cabot Corp - Canal Plant
Activity Number: PER19960001
Permit Number: 2660-00004-V0
Air - Title V Regular Permit Initial

EQT038 **120 - VS-2 Bin Vent Filter**

- 143 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 144 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 145 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

EQT039 **130 - VS-3 Bin Vent Filter**

- 146 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 147 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 148 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 149 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 150 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

EQT040 **135 - Silo 5 Bin Vent Filter (West)**

- 151 Total suspended particulate \leq 0.05 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
- 152 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 153 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 154 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 155 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 156 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

SPECIFIC REQUIREMENTS

AI ID: 19901 - Cabot Corp - Canal Plant
Activity Number: PER19960001
Permit Number: 2660-00004-V0
Air - Title V Regular Permit Initial

EQT041 136 - Silo 5 Bin Vent Filter (East)

- 157 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 158 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 159 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 160 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 161 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

EQT042 152 - CO-6 East Purge Gas Filter

- 162 Total suspended particulate \leq 12.55 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
- 163 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 164 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 165 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 166 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 167 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 168 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 169 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. (MACT has been determined to be no additional controls). [LAC 33:III.5109.A]

EQT043 153 - CO-6 West Purge Gas Filter

- 170 Total suspended particulate \leq 12.55 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

At ID: 19901 - Cabot Corp - Canal Plant
Activity Number: PER19960001
Permit Number: 2660-00004-V0
Air - Title V Regular Permit Initial

EQT043 153 - CO-6 West Purge Gas Filter

- 171 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 172 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 173 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 174 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 175 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 176 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 177 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. (MACT has been determined to be no additional controls). [LAC 33:III.5109.A]

EQT044 154 - C-7 Main Unit Filter Heat Load Vent

- 178 Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified
- 179 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 180 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 181 HAP $>=$ 98 % reduction by weight, or HAP \leq 20 ppmv, whichever is less stringent, by venting emissions through a closed-vent system to any combination of control devices meeting the requirements of 40 CFR 63.982(a)(2). Subpart YY. [40 CFR 63.1103(f)(3)]
Which Months: All Year Statistical Basis: None specified

EQT045 155 - C-7 Process Filter

- 182 Total suspended particulate \leq 19.96 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 19901 - Cabot Corp - Canal Plant
Activity Number: PER19960001
Permit Number: 2660-00004-V0
Air - Title V Regular Permit Initial

EQT045 155 - C-7 Process Filter

- 183 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
- Which Months: All Year Statistical Basis: Six-minute average
- 184 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III. Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 185 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: None specified
- 186 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 187 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: None specified
- 188 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 189 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. (MACT has been determined to be no additional controls). [LAC 33:III.5109.A]

EQT046 158 - C-7 East Purge Gas Filter

- 190 Total suspended particulate \leq 12.55 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
- Which Months: All Year Statistical Basis: None specified
- 191 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
- Which Months: All Year Statistical Basis: Six-minute average
- 192 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III. Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 193 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: None specified
- 194 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 195 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: None specified
- 196 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 197 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. (MACT has been determined to be no additional controls). [LAC 33:III.5109.A]

SPECIFIC REQUIREMENTS

AI ID: 19901 - Cabot Corp - Canal Plant
Activity Number: PER19960001
Permit Number: 2660-00004-V0
Air - Title V Regular Permit Initial

EQT047 159 - C-7 West Purge Gas Filter

- 198 Total suspended particulate \leq 12.55 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
- 199 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 200 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 201 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 202 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 203 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 204 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 205 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. (MACT has been determined to be no additional controls). [LAC 33:III.5109.A]

EQT048 160 - C-7 Reactor Vent Scrubber

- 206 Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified
- 207 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 208 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 209 Flow rate monitored by flow rate monitoring device once every four hours. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 210 Flow rate recordkeeping by electronic or hard copy once every four hours. [LAC 33:III.501.C.6]
- 211 Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]
- 212 Flow rate \geq 19.5 gallons/min. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 19901 - Cabot Corp - Canal Plant
Activity Number: PER19960001
Permit Number: 2660-00004-V0
Air - Title V Regular Permit Initial

EQT062 302 - CS-1&CS-2 Reactor Vent Scrubber

- 213 Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified
- 214 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 215 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
216 Flow rate monitored by flow rate monitoring device once every four hours. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 217 Flow rate recordkeeping by electronic or hard copy once every four hours. [LAC 33:III.501.C.6]
- 218 Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]
- 219 Flow rate \geq 19.5 gallons/min. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

EQT063 303 - CS-3A & CS-3B Reactor Vent Scrubber

- 220 Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified
- 221 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 222 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
223 Flow rate monitored by flow rate monitoring device once every four hours. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 224 Flow rate recordkeeping by electronic or hard copy once every four hours. [LAC 33:III.501.C.6]
- 225 Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]
- 226 Flow rate \geq 19.5 gallons/min. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

EQT064 305 - CO-5 Reactor Vent Scrubber

SPECIFIC REQUIREMENTS

AI ID: 19901 - Cabot Corp - Canal Plant
Activity Number: PER19960001
Permit Number: 2660-00004-V0
Air - Title V Regular Permit Initial

EQ064 305 - CO-5 Reactor Vent Scrubber

- 227 Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified
- 228 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 229 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
230 Flow rate monitored by flow rate monitoring device once every four hours. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 231 Flow rate recordkeeping by electronic or hard copy once every four hours. [LAC 33:III.501.C.6]
- 232 Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]
- 233 Flow rate \geq 19.5 gallons/min. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

EQ065 306 - CO-6 Reactor Vent Scrubber

- 234 Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified
- 235 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 236 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
237 Flow rate monitored by flow rate monitoring device once every four hours. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 238 Flow rate recordkeeping by electronic or hard copy once every four hours. [LAC 33:III.501.C.6]
- 239 Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]
- 240 Flow rate \geq 19.5 gallons/min. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

EQ067 600 - CS-1 Off Quality Tank

SPECIFIC REQUIREMENTS

AI ID: 19901 - Cabot Corp - Canal Plant
Activity Number: PER19960001
Permit Number: 2660-00004-V0
Air - Title V Regular Permit Initial

EQT067 **600 - CS-1 Off Quality Tank**

- 241 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 242 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 243 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 244 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 245 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

EQT068 **610 - C-7 Off Quality Tank**

- 246 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 247 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 248 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 249 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 250 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

EQT069 **611 - C-7 Storage Tank Bin Vent Filter**

- 251 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 252 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 253 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 254 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 19901 - Cabot Corp - Canal Plant
Activity Number: PER19960001
Permit Number: 2660-00004-V0
Air - Title V Regular Permit Initial

EQ1069 611 - C-7 Storage Tank Bin Vent Filter

255 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

EQ1070 612 - CO-6 Off Quality Tank

256 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

257 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

258 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

259 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

260 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

EQ1071 615 - CO-3B Off Quality Tank

261 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

262 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

263 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

264 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

265 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

EQ1072 616 - VO-2 Storage Tank

266 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

267 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 19901 - Cabot Corp - Canal Plant
Activity Number: PER19960001
Permit Number: 2660-00004-V0
Air - Title V Regular Permit Initial

EQT072 **616 - VO-2 Storage Tank**

- 268 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 269 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 270 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

EQT073 **617 - VO-1 Storage Tank**

- 271 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
- Which Months: All Year Statistical Basis: Six-minute average
- 272 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 273 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 274 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 275 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

EQT074 **618 - Silo 1 Bin Vent Filter**

- 276 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
- Which Months: All Year Statistical Basis: Six-minute average
- 277 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 278 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 279 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 280 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

EQT075 **619 - VS-4 Bin Vent Filter**

SPECIFIC REQUIREMENTS

AI ID: 19901 - Cabot Corp - Canal Plant
Activity Number: PER19960001
Permit Number: 2660-00004-V0
Air - Title V Regular Permit Initial

EQT075 619 - VS-4 Bin Vent Filter

- 281 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 282 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 283 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 284 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 285 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

EQT076 620 - CO-3A Off Quality Tank

- 286 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 287 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 288 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 289 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 290 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

EQT077 621 - CO-5 Off Quality Tank

- 291 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 292 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 293 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 294 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 19901 - Cabot Corp - Canal Plant
Activity Number: PER19960001
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EQ1077 **621 - CO-5 Off Quality Tank**

295 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

EQ1078 **622 - CS-2 Off Quality Tank**

296 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

297 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

298 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

299 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

300 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

EQ1079 **6SA - CS Dual Grade Tank Bin Vent Filter (West) VS-6**

301 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

302 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

303 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

304 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

305 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

EQ1080 **6SB - CS Dual Grade Tank Bin Vent Filter (East) VS-7**

306 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

307 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 19901 - Cabot Corp - Canal Plant
Activity Number: PER19960001
Permit Number: 2660-00004-V0
Air - Title V Regular Permit Initial

EQT080 **6SB - CS Dual Grade Tank Bin Vent Filter (East) VS-7**

- 308 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 309 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 310 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

EQT084 **72A - CO-5 East Purge Gas Filter**

- 311 Total suspended particulate \leq 8.29 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
- 312 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 313 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 314 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 315 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 316 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 317 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 318 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. (MACT has been determined to be no additional controls). [LAC 33:III.5109.A]

EQT085 **72B - CO-5 West Purge Gas Filter**

- 319 Total suspended particulate \leq 8.29 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
- 320 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 321 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

SPECIFIC REQUIREMENTS

AI ID: 19901 - Cabot Corp - Canal Plant
Activity Number: PER19960001
Permit Number: 2660-00004-V0
Air - Title V Regular Permit Initial

EQ1085 **72B - CO-5 West Purge Gas Filter**

- 322 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 323 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 324 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 325 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 326 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. (MACT has been determined to be no additional controls). [LAC 33:III.5109.A]

EQ1086 **81A - North Acton Vacuum System Filter**

- 327 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
- Which Months: All Year Statistical Basis: Six-minute average
- 328 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 329 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 330 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 331 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 332 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. (MACT has been determined to be no additional controls). [LAC 33:III.5109.A]

EQ1087 **81B - South Acton Vacuum System Filter**

- 333 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
- Which Months: All Year Statistical Basis: Six-minute average
- 334 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 335 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

SPECIFIC REQUIREMENTS

AI ID: 19901 - Cabot Corp - Canal Plant
Activity Number: PER19960001
Permit Number: 2660-00004-V0
Air - Title V Regular Permit Initial

EQT087 81B - South Acton Vacuum System Filter

- 336 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 337 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 338 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. (MACT has been determined to be no additional controls). [LAC 33:III.5109.A]

EQT088 950 - Gasoline Storage Tank - Vehicle Use

- 339 Maintain working pressures sufficient at all times under normal operating conditions to prevent vapor or gas loss to the atmosphere. [LAC 33:III.2103.A]
- 340 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]

EQT089 951 - Gasoline Storage Tank - Contractor Use

- 341 Maintain working pressures sufficient at all times under normal operating conditions to prevent vapor or gas loss to the atmosphere. [LAC 33:III.2103.A]
- 342 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]

EQT096 999 - Combusted Tail Gas Stack

- 343 Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1503.B]
Which Months: All Year Statistical Basis: None specified
- 344 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1511.C]
Which Months: All Year Statistical Basis: Six-minute average
- 345 Sulfur dioxide \leq 2000 ppmv at standard conditions. [LAC 33:III.1503.C]
Which Months: All Year Statistical Basis: Three-hour average
- 346 Determine sulfur dioxide and sulfuric acid mist concentrations in stack gases using the methods in LAC 33:III.1503.D. Table 4. Use these methods for initial compliance determinations and for additional compliance determinations for those facilities not subject to continuous emission monitoring. [LAC 33:III.1503.D.1]
- 347 Control process gas streams by flaring or combustion. [LAC 33:III.1509]
- 348 Sulfur dioxide monitored by calculations monthly. As an alternative to continuous monitoring of sulfur dioxide emissions, Cabot shall demonstrate compliance by monitoring input sulfur and calculation of sulfur dioxide emissions. [LAC 33:III.1511.C]
Which Months: All Year Statistical Basis: Annual maximum
- 349 Submit report: Due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III. Chapter 15. [LAC 33:III.1513]
- 350 Submit quarterly reports of three-hour excess emissions and reports of emergency conditions, in accordance with LAC 33:III. Chapter 39. [LAC 33:III.1513]

SPECIFIC REQUIREMENTS

AI ID: 19901 - Cabot Corp - Canal Plant
Activity Number: PER19960001
Permit Number: 2660-00004-V0
Air - Title V Regular Permit Initial

EQT096 999 - Combusted Tail Gas Stack

- 351 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 352 To ensure compliance with maximum hourly permitted limits for PM10 from the combustion stack, source 999, the Permittee shall limit carbon black production on a site-wide basis to no more than 1.62 million pounds per day. Production is defined as the amount of carbon black processed through the dryers. The amount of carbon black processed shall be recorded each day. These records shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Carbon black production above this limit for any operating day (i.e., any 24-hour period beginning at 12:00 midnight) shall be a violation of this permit and must be reported to the Enforcement Division. [LAC 33:III.501.C.6]
- 353 Permittee shall demonstrate compliance with permitted emission limits by performing stack tests on the combustion stack, Emission Point 999. Emissions testing shall be performed using methods found in 40 CFR 60, Appendix A for the combustion stack, Emission Point 999 as follows:
- (a) SO2 by Method 6 - Determination of Sulfur Dioxide Emissions from Stationary Sources.
 - (b) NOx by Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources and
 - (c) PM10 by Method 5 - Determination of Particulate Emissions from the Stationary Sources.
- Other Methods suitable to the Department may be substituted as approved. [LAC 33:III.501.C.6]
- 354 Permittee shall install and operate a continuous NOx monitor in the facility's Combustion Stack, Emission Point 999, which meets the requirements of 40 CFR Part 60, Appendix B, Performance Specification 3. This monitor shall be installed and operational within 1 year of the effective date of this permit. [LAC 33:III.501.C.6]
- 355 Nitrogen oxides: Permittee shall install and operate a continuous NOx monitor in the facility's Combustion Stack, emission point 999, which meets the requirements of 40 CFR Part 60, Appendix B, Performance Specification 3. This monitor shall be installed and operational with 1 year of the effective date of this permit. [LAC 33:III.501.C.6]
- 356 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined as a 98% HAP reduction. [LAC 33:III.5109.A]
- 357 HAP \geq 98 % reduction by weight, or HAP \leq 20 ppmv, whichever is less stringent. Subpart YY. [40 CFR 63.1103(f)(3)]
Which Months: All Year Statistical Basis: None specified
- 358 Closed-vent systems: Ensure that each closed-vent system is designed and operated to collect the regulated material vapors from the emission point, and to route the collected vapors to a control device. Subpart SS. [40 CFR 63.983(a)(1)]
- 359 Closed-vent systems: Operate at all times when emissions are vented to, or collected by, them. Subpart SS. [40 CFR 63.983(a)(2)]
- 360 Closed-vent systems (hard-piping): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially. If an instrument reading of 500 ppmv above background is measured, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.983(d)(2). Subpart SS. [40 CFR 63.983(b)(1)(A)]
Which Months: All Year Statistical Basis: None specified
- 361 Closed-vent systems (hard-piping): Presence of a leak monitored by visual, audible, and/or olfactory annually. Subpart SS. [40 CFR 63.983(b)(1)(B)]
Which Months: All Year Statistical Basis: None specified
- 362 Closed-vent systems (ductwork): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually. If an instrument reading of 500 ppmv above background is measured, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.983(d)(2). Subpart SS. [40 CFR 63.983(b)(1)(ii)]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 19901 - Cabot Corp - Canal Plant

Activity Number: PER19960001

Permit Number: 2660-00004-V0

Air - Title V Regular Permit Initial

EQT096 999 - Combusted Tail Gas Stack

- 363 Closed-vent systems (unsafe-to-monitor): Determine that the equipment is unsafe-to-inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with 40 CFR 63.983(b)(1). Comply with this requirement instead of the requirements in 40 CFR 63.983(b)(1). Subpart SS. [40 CFR 63.983(b)(2)(i)]
- 364 Closed-vent systems (unsafe-to-monitor): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practical during safe-to-inspect times, at least once annually. Comply with this requirement instead of the requirements in 40 CFR 63.983(b)(1). Subpart SS. [40 CFR 63.983(b)(2)(ii)]
- Which Months: All Year Statistical Basis: None specified
- 365 Closed-vent systems (difficult-to-monitor): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than 2 meters (7 feet) above a support surface. Comply with this requirement instead of the requirements in 40 CFR 63.983(b)(1). Subpart SS. [40 CFR 63.983(b)(3)(i)]
- 366 Closed-vent systems (difficult-to-monitor): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment at least once every 5 years. Comply with this requirement instead of the requirements in 40 CFR 63.983(b)(1). Subpart SS. [40 CFR 63.983(b)(3)(ii)]
- Which Months: All Year Statistical Basis: None specified
- 367 Closed-vent systems (hard piping): Eliminate leak, or monitor according to the procedures in 40 CFR 63.983(c), if there are visible, audible, or olfactory indications of leaks at the time of the annual visual inspections required by 40 CFR 63.983(b)(1)(i)(B). Subpart SS. [40 CFR 63.983(d)(1)]
- 368 Closed-vent systems: Repair leaks as soon as practical, except as provided in 40 CFR 63.983(d)(3). Make a first attempt at repair no later than 5 days after the leak is detected, and complete repairs no later than 15 days after the leak is detected or at the beginning of the next introduction of vapors to the system, whichever is later. Subpart SS. [40 CFR 63.983(d)(2)]
- 369 Closed-vent systems (delay of repair allowed): Repair equipment as soon as practical, but not later than the end of the next closed-vent system shutdown. Subpart SS. [40 CFR 63.983(d)(3)]
- 370 Operate at all times when emissions are vented to control device. Subpart SS. [40 CFR 63.988(a)(2)]
- 371 Conduct an initial performance test according to the procedures in 40 CFR 63.997, except as specified in 40 CFR 63.997(b) and 40 CFR 63.988(b)(2). Subpart SS. [40 CFR 63.988(b)(1)]
- 372 Temperature monitored by temperature monitoring device continuously. Install the temperature monitoring device in the fire box or in the ductwork immediately downstream of the fire box in a position before any substantial heat exchange occurs. Subpart SS. [40 CFR 63.988(c)(1)]
- Which Months: All Year Statistical Basis: None specified
- 373 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.998(a) through (d), as applicable. Subpart SS. [40 CFR 63.998]
- 374 Notify DEQ of the intention to conduct a performance test. Due at least 30 days before such a compliance demonstration is scheduled to allow DEQ the opportunity to have an observer present. Notify DEQ as soon as possible of any delay in the original demonstration date, if after 30 days notice for such an initially scheduled compliance demonstration, there is a delay (due to operational problems, etc.) in conducting the scheduled compliance demonstration. Provide at least 7 days prior notice of the rescheduled date of the compliance demonstration, or arrange a rescheduled date with DEQ by mutual agreement. Subpart SS. [40 CFR 63.999(a)(1)(i)]
- 375 Submit application for a waiver of an initial performance test, as allowed by 40 CFR 63.997(b)(2), no later than 90 days before the performance test or compliance assessment is required. Include information justifying the request for a waiver, such as the technical or economic infeasibility, or the impracticality, of the source performing the test. Subpart SS. [40 CFR 63.999(a)(1)(iii)]

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EQT096 999 - Combusted Tail Gas Stack

- 376 Submit application to substitute a prior performance test or compliance assessment for an initial performance test or compliance assessment, as allowed by 40 CFR 63.997(b)(1), no later than 90 days before the performance test or compliance test is required. Include information demonstrating that the prior performance test or compliance assessment was conducted using the same methods specified in 40 CFR 63.997(e) or 40 CFR 63.987(b)(3), as applicable. Also include information demonstrating that no process changes have been made since the test, or that the results of the performance test or compliance assessment reliably demonstrate compliance despite process changes. Subpart SS. [40 CFR 63.999(a)(1)(iv)]
- 377 Submit performance test if not submitted as part of a Notification of Compliance Status report, to DEQ within 60 days of completing the test or determination, unless specified differently. Include the information specified in 40 CFR 63.999(a)(2)(i) through (a)(2)(iii). Subpart SS. [40 CFR 63.999(a)(1)(iii)]
- 378 Submit Periodic Report: Due as specified in the referencing subpart. Include the information specified in 40 CFR 63.999(c)(1) through (c)(7). Subpart SS. [40 CFR 63.999(c)]
- 379 Submit request for approval to monitor a different parameter than those established in 40 CFR 63.996(c)(6) or to set unique monitoring parameters, as provided for in 40 CFR 63.996(d)(2), as specified as specified in a referencing subpart. Include the information specified in 40 CFR 63.999(d)(2)(i) through (d)(2)(iii). Subpart SS. [40 CFR 63.999(d)(2)]

FUG001 400 - Plantwide Fugitives

- 380 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. (MACT has been determined to be no additional controls). [LAC 33:III.5109.A]

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- 381 Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited. [LAC 33:III.1103]
- 382 Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited. [LAC 33:III.1303.B]
- 383 Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.A.1-5. [LAC 33:III.2113.A]
- 384 Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance. [LAC 33:III.219]
- 385 Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited. [LAC 33:III.2901.D]
- 386 If requested to monitor for odor intensity, take and transport samples in a manner which minimizes alteration of the samples either by contamination or loss of material. Evaluate all samples as soon after collection as possible in accordance with the procedures set forth in LAC 33:III.2901.G. [LAC 33:III.2901.F]
- 387 Permittee shall process feedstock with a sulfur content of 4.0% (annual average) or less by weight in the units being used for rubber grade carbon black and 1.25% (annual average) or less by weight in the units being used for industrial grade carbon black. Exceedance of the sulfur content limit of feedstock to the reactors shall be a violation of this permit and must be reported to the Air Quality Division, Enforcement Section. Records of the sulfur content of the feedstock oil to the units being used for rubber grade carbon black and the units being used for industrial grade carbon black from Specific Condition 1 outlining the methods for calculating the SO₂ mass balance and emissions shall be used to verify these limits. [LAC 33:III.501.C.6]

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388 To ensure compliance with the emission limits contained in this permit, the permittee shall institute a system using a mass balance to calculate the SO2 emissions from the process (i.e., process filter vents, purge gas vents, combusted tail gas vents, and fugitives). The following variables shall be recorded each day.

- a. The weight percent of sulfur in feedstock oil to all reactors.
- b. The total pounds of feedstock oil processed in the reactors.
- c. The total pounds of sulfur entering all reactors (feedstock oil sulfur mass fraction times total mass oil processed (lbm)).
- d. The amount of SO2 emitted from the process (80 % of the sulfur mass feed times two).

Total SO2 emissions shall be recorded each month and for the preceding twelve months. Emissions above the annual permit limit in any consecutive twelve (12) month period shall be a violation for the permit and must be reported to the Office of Environmental Compliance, Enforcement Division. These records shall be kept on-site and available for inspection by the Office of Environmental Compliance, Enforcement Division. A report showing the monthly average sulfur content of the feedstock to the reactors and the SO2 emissions from the process cap for the preceding 12 months shall be submitted annually by the 31st of March to the Office of Environmental Compliance, Enforcement Division.

- 389 Carbon monoxide \leq 6774.06 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 390 Nitrogen oxides \leq 1823.00 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 391 Particulate matter (10 microns or less) \leq 359.52 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 392 Sulfur dioxide \leq 27101.00 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 393 VOC, Total \leq 447.05 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 394 Ammonia $<$ 0.001 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 395 Carbon disulfide \leq 166.69 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 396 Carbonyl sulfide \leq 52.43 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 397 Ethylene \leq 17.35 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 398 Hydrogen cyanide \leq 45.12 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 399 Hydrogen sulfide \leq 168.36 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 400 Total suspended particulate \leq 4.46 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 401 Comply with the requirements of PSD-LA-591. This permit includes provisions of the Prevention of Significant Deterioration (PSD) review from Permit PSD-LA-591. [LAC 33:III.509]

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- 402 Do not construct or modify any stationary source subject to any standard set forth in LAC 33:III.Chapter 51.Subchapter A without first obtaining written authorization from DEQ in accordance with LAC 33:III.Chapter 51.Subchapter A, after the effective date of the standard. [LAC 33:III.5105.A.1]
- 403 Do not cause a violation of any ambient air standard listed in LAC 33:III.Table 51.2, unless operating in accordance with LAC 33:III.5109. [LAC 33:III.5105.A.2]
- 404 Do not build, erect, install, or use any article, machine, equipment, process, or method, the use of which conceals an emission that would otherwise constitute a violation of an applicable standard. [LAC 33:III.5105.A.3]
- 405 Do not fail to keep records, notify, report or revise reports as required under LAC 33:III.Chapter 51.Subchapter A. [LAC 33:III.5105.A.4]
- 406 Submit initial annual emissions report (TEDI) to DEQ within 180 days of December 20, 1991. Identify the quantity of emissions of toxic air pollutants listed in Table 51.1 for the calendar year 1991. [LAC 33:III.5107.A.1]
- 407 Submit Annual Emissions Report (TEDI): Due annually, by the 1st of July, to the Office of Environmental Assessment, Environmental Evaluation Division in a form specified by the department. Identify the quantity of emissions in the previous calendar year for any toxic air pollutant listed in Table 51.1 or Table 51.3. [LAC 33:III.5107.A.2]
- 408 Include a certification statement with initial and subsequent annual emission reports and revisions to any emission report to attest that the information contained in the emission report is true, accurate, and complete, and signed by a responsible official, as defined in LAC 33:III.502. Include the full name of the responsible official, title, signature, date of signature and phone number of the responsible official. The certification statement shall read: "I certify, under penalty of perjury, that the emissions data provided is accurate to the best of my knowledge, information, and belief, and I understand that submitting false or misleading information will expose me to prosecution under state regulations" [LAC 33:III.5107.A.3]
- 409 Submit notification: Due to the Department of Public Safety 24-hour Louisiana Emergency Hazardous Materials Hotline at (225) 925-6595 immediately, but no later than 1 hour, after any discharge of a toxic air pollutant into the atmosphere which results or threatens to result in an emergency condition (a condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water or air environment, or cause severe damage to property). [LAC 33:III.5107.B.1]
- 410 Submit notification: Due to the Office of Environmental Compliance, except as provided in LAC 33:III.5107.B.6, no later than 24 hours after the beginning of any unauthorized discharge into the atmosphere of a toxic air pollutant as a result of bypassing an emission control device, when the emission control bypass was not the result of an upset, and the quantity of the unauthorized bypass is greater than or equal to the lower of the Minimum Emission Rate (MER) in LAC 33:III.Chapter 51.Table 51.1 or a reportable quantity (RQ) in LAC 33:III.3931, or the quantity of the unauthorized bypass is greater than one pound and there is no MER or RQ for the substance in question. Submit notification in the manner provided in LAC 33:III.3923. [LAC 33:III.5107.B.2]
- 411 Submit notification: Due to the Office of Environmental Compliance immediately, but in no case later than 24 hours after any unauthorized discharge of a toxic air pollutant into the atmosphere that does not cause an emergency condition, the rate or quantity of which is in excess of that allowed by permit, compliance schedule, or variance, or for upset events that exceed the reportable quantity in LAC 33:III.3931, except as provided in LAC 33:III.5107.B.6. Submit notification in the manner provided in LAC 33:III.3923. [LAC 33:III.5107.B.3]
- 412 Submit written report: Due within seven calendar days of learning of any such discharge or equipment bypass as referred to in LAC 33:III.5107.B.1 through 3. Submit report to the Office of Environmental Compliance by certified mail. Include the information specified in LAC 33:III.5107.B.4.a.i through viii. [LAC 33:III.5107.B.4]
- 413 Report all discharges to the atmosphere of a toxic air pollutant from a safety relief device, a line or vessel rupture, a sudden equipment failure, or a bypass of an emission control device, regardless of quantity, in the annual emissions report and where otherwise specified. Include the identity of the source, the date and time of the discharge, and the approximate total loss during the discharge. [LAC 33:III.5107.B.5]
- 414 Achieve compliance with ambient air standards unless it can be demonstrated to the satisfaction of DEQ that compliance with an ambient air standard would be economically infeasible; that emissions could not reasonably be expected to pose a threat to public health or the environment; and that emissions would be controlled to a level that is Maximum Achievable Control Technology. [LAC 33:III.5109.B.3]
- 415 Determine the status of compliance, beyond the property line, with applicable ambient air standards listed in LAC 33:III.5112.Table 51.2. [LAC 33:III.5109.B]

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- 416 Develop a standard operating procedure (SOP) within 120 days after achieving or demonstrating compliance with the standards specified in LAC 33:III. Chapter 51. Detail in the SOP all operating procedures or parameters established to ensure that compliance with the applicable standards is maintained and address operating procedures for any monitoring system in place, specifying procedures to ensure compliance with LAC 33:III.5113.C.5. Make a written copy of the SOP available on site or at an alternate approved location for inspection by DEQ. Provide a copy of the SOP within 30 days upon request by the department. [LAC 33:III.5109.C]
- 417 Obtain a Louisiana Air Permit in accordance with LAC 33:III.5111.B and C and in accordance with LAC 33:III.1701, before commencement of the construction of any new source. [LAC 33:III.5111.A.1]
- 418 Obtain a permit modification in accordance with LAC 33:III.5111.B and C before commencement of any modification not specified in a compliance plan submitted under LAC 33:III.5109.D, if the modification will result in an increase in emissions of any toxic air pollutant or will create a new point source. [LAC 33:III.5111.A.2.a]
- 419 Do not commence construction or modification of any major source without first obtaining written authorization from DEQ, as specified. [LAC 33:III.5111.A]
- 420 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]
- 421 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]
- 422 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]
- 423 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]
- 424 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]
- 425 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]
- 426 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]
- 427 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]
- 428 Submit performance evaluation report: Due to the Office of Environmental Assessment, Environmental Technology Division within 60 days of the monitoring system performance evaluation. [LAC 33:III.5113.C.2]
- 429 Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before a performance evaluation of the monitoring system is to begin. [LAC 33:III.5113.C.2]
- 430 Install a monitoring system on each effluent or on the combined effluent, when monitoring is required and the effluents from a single source, or from two or more sources subject to the same emission standards, are combined before being released to the atmosphere. If two or more sources are not subject to the same emission standards, install a separate monitoring system on each effluent, unless otherwise specified. If the applicable standard is a mass emission standard and the effluent from one source is released to the atmosphere through more than one point, install a monitoring system at each emission point unless DEQ approves the installation of fewer systems. [LAC 33:III.5113.C.3]
- 431 Evaluate the performance of continuous monitoring systems, upon request by DEQ, in accordance with the requirements and procedures contained in the applicable performance specification of 40 CFR Part 60, appendix B. [LAC 33:III.5113.C.5.a]
- 432 Submit report: Due to DEQ within 60 days of the performance evaluation of the CMS, if requested. Furnish DEQ with two or more copies of a written report of the test results within 60 days. [LAC 33:III.5113.C.5.a]
- 433 Install all continuous monitoring systems or monitoring devices to make representative measurements under variable process or operating parameters, if required to install a CMS. [LAC 33:III.5113.C.5.d]
- 434 Collect and reduce all data as specified in LAC 33:III.5113.C.5.e.i and ii, if required to install a CMS. [LAC 33:III.5113.C.5.e]

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- 435 Submit plan: Due to the Office of Environmental Assessment, Environmental Technology Division within 90 days after DEQ requests either the initial plan or an updated plan, if required by DEQ to install a continuous monitoring system. Submit for approval a plan describing the affected sources and the methods for ensuring compliance with the continuous monitoring system. [LAC 33:III.5113.C.5]
- 436 Maintain records of monitoring data, monitoring system calibration checks, and the occurrence and duration of any period during which the monitoring system is malfunctioning or inoperative. Maintain these records at the source, or at an alternative location approved by DEQ, for a minimum of three years and make available, upon request, for inspection by DEQ. [LAC 33:III.5113.C.7]
- 437 An individual or company contracted to perform a demolition or renovation activity which disturbs RACM must be recognized by the Licensing Board for Contractors to perform asbestos abatement, and shall meet the requirements of LAC 33:III.5151.F.2 and F.3 for each demolition or renovation activity. [LAC 33:III.5151.F.1.f]
- 438 Activate the preplanned abatement strategy listed in LAC 33:III.5611. Table 5 when the administrative authority declares an Air Pollution Alert. [LAC 33:III.5609.A.1.b]
- 439 Activate the preplanned strategy listed in LAC 33:III.5611. Table 6 when the administrative authority declares an Air Pollution Warning. [LAC 33:III.5609.A.2.b]
- 440 Activate the preplanned abatement strategy listed in LAC 33:III.5611. Table 7 when the administrative authority declares an Air Pollution Emergency. [LAC 33:III.5609.A.3.b]
- 441 Prepare standby plans for the reduction of emissions during periods of Air Pollution Alert, Air Pollution Warning and Air Pollution Emergency. Design standby plans to reduce or eliminate emissions in accordance with the objectives as set forth in LAC 33:III.5611. Tables 5, 6, and 7. [LAC 33:III.5609.A]
- 442 Submit registration: Due January 31, 1998, or within 60 days after the source becomes subject to LAC 33:III Chapter 59, whichever is later. Include the information listed in LAC 33:III.5911.B, and submit to the Department of Environmental Quality, Office of Environmental Compliance, Surveillance Division. [LAC 33:III.5911.A]
- 443 Submit amended registration: Due to the Department of Environmental Quality, Office of Environmental Compliance, Surveillance Division within 60 days after the information in the submitted registration is no longer accurate. [LAC 33:III.5911.C]
- 444 Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Environmental Evaluation Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D. [LAC 33:III.919.D]
- 445 Provide DEQ with written notice of intention to demolish or renovate prior to performing activities to which 40 CFR 61 Subpart M applies. Delivery of the notice by U.S. Postal Service, commercial delivery service, or hand delivery is acceptable. [40 CFR 61.145(b)(1)]
- 446 Do not install or reinstall on a facility component any insulating materials that contain commercial asbestos if the materials are either molded and friable or wet-applied and friable after drying. Subpart M. [40 CFR 61.148]
- 447 All affected facilities shall comply with all applicable provisions in 40 CFR 61 Subpart A. [40 CFR 61]
- 448 40 CFR 63.1-63.5 and 63.12-63.15 of Subpart A (General Provisions) apply. [40 CFR 63.1100(b)]
- 449 Comply with the emission limitations and established parameter ranges at all times except during periods of startup, shutdown, malfunction, or non-operation of the affected source (or specific portion thereof) resulting in cessation of the emissions to which 40 CFR 63 Subpart YY applies. Subpart YY. [40 CFR 63.1108(a)(1)]
- 450 Follow the applicable provisions of the startup, shutdown, malfunction plan required by 40 CFR 63.1111 during periods of startup, shutdown, or malfunction. However, if a startup, shutdown, malfunction or period of non-operation of one portion of an affected source does not affect the ability of a particular emission point to comply with the specific provisions to which it is subject, then that emission point shall still be required to comply with the applicable provisions of 40 CFR 63 Subpart YY and any of the subparts that are referenced by 40 CFR 63 Subpart YY during startup, shutdown, malfunction, or period of non-operation. Subpart YY. [40 CFR 63.1108(a)(1)]
- 451 Comply with the equipment leak requirements at all times except during periods of startup, shutdown, malfunction, process unit shutdown, or non-operation of the affected source (or specific portion thereof) in which the lines are drained and depressurized resulting in cessation of the emissions to which equipment leak requirements apply. Subpart YY. [40 CFR 63.1108(a)(2)]
- 452 Implement, to the extent reasonably available, measures to prevent or minimize excess emissions during startups, shutdowns, and malfunctions. Identify the measures to be taken in the startup, shutdown, and malfunction plan (if applicable). Subpart YY. [40 CFR 63.1108(a)(5)]

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- 453 Correct malfunctions as soon as practical after their occurrence and/or in accordance with the startup, shutdown, and malfunction plan developed as specified under 40 CFR 63.1111. Subpart YY. [40 CFR 63.1108(a)(6)]
- 454 Keep copies of notifications, reports and records required by 40 CFR 63 Subpart YY and subparts referenced by 40 CFR 63 Subpart YY for at least 5 years, unless otherwise specified, except as provided in 40 CFR 63.1109(b). Subpart YY. [40 CFR 63.1109(a)]
- 455 Maintain all records required to be maintained by 40 CFR 63 Subpart YY or a subpart referenced by 40 CFR 63 Subpart YY in such a manner that they can be readily accessed and are suitable for inspection. Retain the most recent 2 years of records onsite or make accessible to an inspector while onsite. The records of the remaining 3 years, where required, may be retained offsite. Subpart YY. [40 CFR 63.1109(c)]
- 456 Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records containing information developed and used to assess control applicability under 40 CFR 63.1103 (e.g., combined total annual emissions of regulated organic HAP). Subpart YY. [40 CFR 63.1109(d)]
- 457 Submit Notification of Initial Startup: Due within 15 days after initial startup. Send DEQ written notification of the actual date of initial startup. Include the information specified in 40 CFR 63.1110(f). Subpart YY. [40 CFR 63.1110(b)]
- 458 Submit Initial Notification: Due within 1 year after the source becomes subject to 40 CFR 63 Subpart YY. Include the information specified in 40 CFR 63.1110(c)(2) through (c)(7), as applicable, and 63.1110(f). Subpart YY. [40 CFR 63.1110(c)]
- 459 Submit Notification of Compliance Status: Due 240 days after the compliance date, or 60 days after completion of the initial performance test or initial compliance assessment, whichever is earlier. Include the information specified in 40 CFR 63.1110(d)(1)(i), (d)(1)(ii), and (f). Subpart YY. [40 CFR 63.1110(d)]
- 460 Submit Periodic Reports: Due no later than 60 days after the end of each 6-month period. The first report shall cover the 6-month period after the Notification of Compliance Status report is due. Submit the first report no later than the last day of the month that includes the date 8 months (6 months and 60 days) after the Notification of Compliance Status report is due. Include all information specified in 40 CFR 63 Subpart YY and subparts referenced by 40 CFR 63 Subpart YY. Subpart YY. [40 CFR 63.1110(e)]
- 461 Develop and implement a written startup, shutdown, and malfunction plan that describes, in detail, procedures for operating and maintaining the affected source during periods of startup, shutdown, and malfunction. Include a program of corrective action for malfunctioning process and air pollution control equipment used to comply with relevant standards under 40 CFR 63 Subpart YY. Address in the plan routine or otherwise predictable CPMS malfunctions. Develop this plan by the compliance date. Subpart YY. [40 CFR 63.1111(a)(1)]
- 462 Operate and maintain the affected source (including associated air pollution control equipment and CPMS) in accordance with the procedures specified in the startup, shutdown, and malfunction plan developed under 40 CFR 63.1111(a)(1) during periods of startup, shutdown, and malfunction. Subpart YY. [40 CFR 63.1111(a)(2)]
- 463 Revise the startup, shutdown, and malfunction plan within 45 days after an event to include detailed procedures for operating and maintaining the affected source during similar malfunction events and a program of corrective action for similar malfunctions of process or air pollution control equipment or CPMS, if the startup, shutdown, and malfunction plan fails to address or inadequately addresses an event that meets the characteristics of a malfunction but was not included in the startup, shutdown, and malfunction plan at the time the plan was developed. Subpart YY. [40 CFR 63.1111(a)(5)]
- 464 If actions during a startup, shutdown, and malfunction of an affected source, or of a control device or monitoring system required for compliance (including actions taken to correct a malfunction) are consistent with the procedures specified in the plan, state such information in a startup, shutdown, and malfunction report. Submit the startup, shutdown, and malfunction report by the 30th day following the end of each calendar half (or other calendar reporting period, as appropriate), unless the information is submitted with the Periodic Report. Include the information specified in 40 CFR 63.1111(b)(1)(i) through (b)(1)(iv). Subpart YY. [40 CFR 63.1111(b)(1)]
- 465 Any time an action taken during a startup, shutdown, or malfunction (including actions taken to correct a malfunction) during which excess emissions occur is not consistent with the procedures specified in the affected source's plan, report the actions taken for that event within 2 working days after commencing actions inconsistent with the plan, followed by a letter delivered or postmarked within 7 working days after the end of the event. Include in the immediate report the name, title, and signature of the owner or operator or other responsible official who is certifying its accuracy, explaining the circumstances of the event, the reasons for not following the startup, shutdown, and malfunction plan, and whether any excess emissions and/or parameter monitoring exceedances are believed to have occurred. Subpart YY. [40 CFR 63.1111(b)(2)]
- 466 Submit Title V permit application for renewal: Due 180 calendar days before permit expiration date. [40 CFR 70.5(a)(1)(iii)]

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GRP001 Entire Facility

- 467 Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
- 468 Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [40 CFR 70.6(a)(3)(iii)(B)]
- 469 Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]
- 470 Comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B. [40 CFR 82.Subpart F]

GRP002 CAP

- 471 Carbon Black Production rate \leq 246000 tons/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if production of carbon black exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 472 To ensure compliance with the permitted limits, oil metering devices used to determine carbon black production shall be monitored. Equipment/operational data monitored by flow rate monitoring device continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Constant
- 473 Carbon Black Production rate recordkeeping by electronic or hard copy monthly. Keep records of the total production of carbon black each month, as well as the total production of carbon black for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]
- 474 Submit report: Due annually, by the 31st of March. Report the total throughput of carbon black for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]